FINAL

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGES OF STORM WATER FOR INDUSTRIAL ACTIVITIES IN THE SANTA BARBARA HARBOR, SANTA BARBARA, CALIFORNIA

SECTION A: STORM WATER POLLUTION PREVENTION PLAN

SECTION B: MONITORING PROGRAM AND REPORTING REQUIREMENTS

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A Copy of Notice of Intent (filed August 1997) and NDPES General Permit
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C Site Maps (includes Area Covered by SWPPP, Drainage System Design, Discharge Locations and Sample Locations)
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SECTION A:
STORM WATER POLLUTION PREVENTION PLAN

1.0 IMPLEMENTATION SCHEDULE

This report, herein referred to as the Storm Water Pollution Prevention Plan (SWPPP), was prepared by the Santa Barbara Waterfront Department staff to comply with federal and state legislation. The SWPPP is prepared in accordance with the regulatory requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit to Discharge Storm Water Associated with Industrial Activity on behalf of the Santa Barbara Waterfront, Santa Barbara, California and its tenants. A Notice of Intent (NOI) and the required fee were submitted to the State Water Resources Control Board in August 1997. A revised NOI will be submitted to the State Water Resources Control Board in summer of 2007 for a "change of information". Appendix A contains a copy of both NOIs and the NPDES General Permit.

GENERAL INFORMATION

Facility: Santa Barbara Waterfront and associated facilities and tenants
Facility Size: 241 acres
Percent of Site Impervious: Approximately 31 percent
Contact Person: Karl Treiberg
Telephone No.: (805) 564-5527
Street Address: 309 Shoreline Drive
Parcel Numbers: 45-250-4, 45-250-11, 45-250-12, 17-383-01, 17-353-01, 17-312-03, 17-271-01, 17-191-03, 17-191-04, 33-120-16, 33-120-15, 33-120-22, 33-120-20,and 33-120-18
SIC Code: 4493 (Marina)
Permit Facility I. D. Number: WDID identification No. 3 425013357

POLICY STATEMENT

The Waterfront Department is committed to complying with the conditions of the General Permit to Discharge Storm Water and will prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment. The Waterfront Department will properly operate and maintain Santa Barbara Harbor facilities and systems to achieve compliance with the conditions of this permit and with the requirements of this Storm Water Pollution Prevention Plan.

2.0 OBJECTIVES

The objectives of the SWPPP are to:

1. Identify and evaluate sources of pollutants that may affect the quality of storm water discharges and authorized non-storm water discharges as described in the General Permit Condition D.1 from an industrial site; and

2. Identify and implement site-specific best management practices (BMPs) to reduce or prevent pollutants associated with industrial activities from entering storm water discharges and authorized non-storm water discharges.

Appendix B includes a list of all the facilities and tenants within the boundary of the Harbor. The type of facility/operation is identified, and the potential for non-storm water discharge or source of pollutants in storm water discharges was investigated for each of the facilities; also included in Appendix B.

3.0 PLANNING AND ORGANIZATION

a. Pollution Prevention Team

The Santa Barbara Harbor is entrusted by the State Tidelands Act to the City of Santa Barbara and operated by the Santa Barbara Waterfront Department (WFD). The Waterfront Department has assigned a staff member (heretofore known as Inspector) who will take the lead role in preparing, implementing, and revising the SWPPP on behalf of the Santa Barbara Harbor and its tenants. The Inspector, with the assistance of the Waterfront Department staff, will collect storm water samples as outlined in Section B, Monitoring Program and Reporting Requirements, of this report. The Regional Water Quality Control Board administers state legislation regarding the Storm Water Permits and receives and reviews the annual report and reviews the SWPPP, if required.

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b. Other Requirements and Existing Facility Plans

The Coastal Act includes goals and policies that apply to coastal areas of California and that strive to give priority to ocean-dependent uses in areas located near the coast. The Local Coastal Plan, prepared by the City of Santa Barbara pursuant to the Coastal Act, required development of a Harbor Master Plan to provide for the primary ocean dependent uses in Santa Barbara Harbor (and adjacent Stearns Wharf), including commercial fishing and recreation boating, as well as secondary uses such as ocean-related and visitor-serving uses.

The Harbor Master Plan was prepared in June 1996 by the City of Santa Barbara and includes several policies and recommendations related to maintaining or improving the water quality in the Harbor. Water quality testing was conducted in the Harbor from 1985 to 1989 with exemplary results, and testing was discontinued at the direction of State and County Environmental Health. Water quality testing resumed in 2001 and continues to take place during dry months (April – September) as part of the Waterfront Department's commitment to its Clean Water Program. Identification of potential sources of pollution into the waters of the Harbor is ongoing, and techniques to reduce pollutants have been implemented in the past

including installation of waste oil stations, safer boat bottom paints, and public education (City of Santa Barbara 1996).

4.0 SITE MAP

SITE LOCATION AND REGIONAL INFORMATION

The Santa Barbara Waterfront is comprised of the harbor, Stearns Wharf, beaches, and seven parking lots. The Waterfront area extends from the west end of Leadbetter Beach to the easterly limits of East Beach in the vicinity of the Cabrillo Arts Pavilion. The Santa Barbara Harbor is the only sheltered harbor on the West Coast of Southern California between Port San Luis, 100 miles to the north, and Ventura, 27 miles to the southeast. The Channel Islands lie approximately 25 miles off the coast with some boat service provided from the Harbor. Commercial and recreational boat use, including boat rentals and charters, are among activities that occur in the Harbor. The Harbor is considered a "working harbor" with a viable commercial fishing industry. There are a total of 1,133 slips in the harbor with 13 percent used by commercial fishermen and 87 percent by recreational boaters and others. The commercial area includes 18 major buildings, all of which are under City ownership with the exception of the Santa Barbara Yacht Club building (the land is leased to the Yacht Club from the City). The Waterfront is a mixture of ocean-dependent, ocean-related, and visitor-serving uses including restaurants, shops, and limited office space (City of Santa Barbara, 1996).

The area covered by the SWPPP includes all the land from Cabrillo Boulevard south to the ocean (excluding Los Baños, the public swimming pool area and Skater's Point), the marina, the breakwater; Stearns Wharf, seven parking lots (including Leadbetter, Harbor West, Harbor Main – including the launch ramp, Chase Palm, Garden Street, Cabrillo West and Cabrillo East), and the beaches south of Cabrillo Blvd. (including Leadbetter, West Beach, and East Beach); Leadbetter Beach forms the western boundary; and the east end of East Beach forms the eastern boundary (refer to the site maps in Appendix C). In the Harbor area, the four marinas, the boat launch ramp, the rock groin, the breakwater, and the sand spit are all included. The Waterfront area is approximately 241 acres, of which 167 is water, 27.8 acres are paved (including public access, parking areas, and maintenance/boat yards), 46 acres are beach and landscaping, and just over 1 acre is building coverage.

If there are any changes to the storm drainage systems, inspection or monitoring procedures, or other aspects of the SWPPP, they will be identified in the annual report, and the SWPPP will be updated and revised accordingly.

EXISTING SITE DRAINAGE

Appendix C contains site maps depicting the Santa Barbara Harbor. Figure C-1 is an overview of the areas covered by the Santa Barbara Harbor SWPPP. Figure C-2 shows the drainage patterns and associated storm water systems and discharge locations. Figure C-3 shows sampling locations and locations of storage areas, storage tanks, and maintenance operation. For the purpose of this report, the numbers depicting the address of the buildings will be used to identify the buildings (refer to the table in Appendix B for building addresses and information on the operations and tenants in each of the buildings).

The Waterfront property is relatively flat. Approximately 28 acres are impervious with asphalt covering all of the parking areas, public walkways, and maintenance and boat yard surfaces. A large portion of the area within the Waterfront boundaries is beach and landscaped areas. The general direction of flow from the parking lots and other large paved areas is toward the marina and/or through vegetated medians to the beaches and ocean. Water is directed by gravity via slight variances in surface topography into the storm water conveyance system that discharges into the Pacific Ocean at various points (refer to Figure C-2 in Appendix C). The public walkways around the marina are curbed or slanted so that the majority of water flows toward the buildings or parking lots rather than directly into the water.

Portions of the storm drain system that collect runoff from the Harbor originate offsite in areas that include Santa Barbara City College and segments of the City of Santa Barbara, including the downtown area and the Mesa (drainage areas D, F, and G in Figure C-2). A storm drain located at the easternmost boundary of the Harbor property is excluded from this plan because, although it passes across Waterfront property, there are no inlets for storm water discharge from Waterfront operations. No discharge originating from within Waterfront property boundaries discharge into creeks or other natural drainages.

The drainage areas in the Harbor are depicted in Figure C-2. The following is a brief description of each of the drainage areas (which have been labeled A through H for the purposes of the SWPPP and monitoring program) and the sampling points for each. Alternate sampling points will be used if the primary sampling points are not safe or feasible to approach during the required storm event. Sampling points will be noted at the time of sampling and included in the reporting procedure.

- ***Drainage Area A*** includes the City's maintenance yard (116); the boat yard (120); boat storage areas (118, the Sailing Club and an area west of the Yacht Club parking lot); the Yacht Club (130) and parking lot; buildings 111, 117, 119, 125 and 132 and surrounding paved areas (including the underground storage tank area); and the public walkways adjacent to the access to Marina 1 and the Breakwater. It is a combination surface swale and subgrade pipe system. The swale runs along the boundary of the City's maintenance yard (116) and the Sailing Club boat storage yard (118), turns south at Harbor Way, where it is in the middle of the road in front of building 111, then goes into a catchbasin near 125. The remainder of the system is underground with several catchbasins. The primary sampling point for this system is the catchbasin identified as A1 in Figure C-3.

- ***Drainage Area B*** is a small, open channel between buildings 117/119 and the Waterfront Center (113). The end of the culvert goes under the walkway prior to discharging in the Harbor. This drainage area collects runoff from the surrounding buildings, which includes the restaurant trash enclosure adjacent to this channel. The sampling point for this system is within the culvert and is identified as B1 in Figure C-3.

- ***Drainage Area C*** includes the Breakwater Restaurant (107) and surrounding area, including public paved areas and landscaping, and part of the Waterfront Center (113). This system receives storm water runoff and possibly a small amount of irrigation runoff. The sampling point for this system is the catchbasin identified as C-1 in Figure C-3).

- ***Drainage Areas D, E, F, G, and H*** are all associated with parking lots. D, F, and G are connected to the storm water system from the City of Santa Barbara. Drainage area E is a

small, underground culvert that goes under the public walk to the Harbor. Drainage Area H is the boat launch area, which is at the southeastern end of the parking lot. It is expected that storm water runoff at this site will be surface flow. Since drainage areas D, E, F, G, and H and Garden Street Parking lot have similar surface cover, the results from the sampling of these drainage areas would be indicative of conditions at the boat launch area and parking lot areas. Therefore, Drainage Area H will be excluded from the sampling procedure, although this area will be included in visual inspections. Drainage areas D, F, and G and Garden Street Parking lot have catchbasins that collect runoff from the parking lot and the public walkways around the marinas. Existing information indicates there are a total of eight catchbasins that receive input from the parking lot runoff. Four of these have been identified as sampling locations including D1, F1, and G1 and Garden Street Parking. Catchbasins were chosen to exclude the runoff from areas off the Harbor property. Depending upon the results of sampling and visual inspections, the Inspector may change the sampling locations or add or delete sampling locations. In addition, several catchbasins are within parking spaces and may be obstructed by vehicles at the time of sampling. Any change in sampling procedure would be identified in the Annual Report with an explanation.

Areas within the Harbor property where runoff does not enter the storm drain system but flows directly into the Harbor include the boat launch area (discussed above), the Breakwater, and the Sea Landing, rock groin, Stearns Wharf and all the parking lots with the exception of Harbor Main. Each of these areas is as follows:

- The Breakwater has public access as pedestrian traffic and very occasional work vehicle traffic, and the Breakwater is often washed by waves from the ocean. Therefore, the Breakwater will be excluded from the sampling procedure.

- The Sea Landing and rock groin area has buildings and piers, pedestrian access, and limited vehicle access. In addition, this area is identified for improvements in the Harbor Master Plan although the timing of these improvements is unknown. Historic visual inspections of this area during the dry and wet seasons have not identified the presence of unauthorized non-storm water discharges and potential source of pollutants. Therefore, no sampling sites have been established at this site. If existing conditions change or if unauthorized non-storm water discharges are identified during regular wet and dry season monitoring, sampling site(s) will be established as needed.

- Stearns Wharf has nine buildings and parking for 105 vehicles. There is no connection to any stormdrains. Visual inspections of this site during the dry and wet seasons will determine the presence of unauthorized non-storm water discharges and potential source of pollutants. The results of visual inspections will determine if there is a need to establish a sampling site(s) at the Sea Landing area.

- All of the parking lots with the exception of Harbor Main drain directly south to the beaches. Most drainage flows through vegetated medians prior to infiltration in to the sand. None of the surface runoff is consolidated and therefore, is not conducive to sampling. Therefore, all of the parking lots (with the exception of Harbor Main) will be excluded from the sampling procedure.

5.0 List of Significant Materials

The following is a list of significant materials handled and stored at the Santa Barbara Harbor:

- Fuel Oil — Both unleaded and #2 diesel fuel oil are stored in four underground storage tanks with 10,000-gallon capacity each (40,000 maximum capacity; 28,000 maximum is stored under normal circumstances). Fuel is pumped via double-walled pipelines under the City Pier to the fuel dock for distribution to the general public (boaters). Approximately 8,000 to 9,000 gallons of fuel are delivered every 3-4 days, averaging 70,000 gallons per month.

- Waste Oil — Two 255-gallon, double-walled, above-ground storage tanks are located on the shore outside of the entrances to Marinas 2 and 4 to collect the waste oil from Harbor tenants (from routine boat engine work; work on vehicles in the parking lots is prohibited). Waterfront Department staff check fill levels in the tank daily to ensure there is no overfill. Waste oil is automatically picked up every 2 weeks for recycling by a local vendor (or pick up is arranged when tanks reach 90 percent capacity).

- Other Materials — Other materials that are stored at the fuel dock and used for distribution to the general public include the following (maximum capacity is maximum amount stored at any one time):

Onshore Material	*Maximum Capacity*
Motor Oil	760 gallons in 55-gallon containers
Waste Oil	300 gallons in 300-gallon container
Used Oil Filters	200 each
Waste Batteries	10 each

Also, materials including parts, solvents, soaps, etc. are stored in storage lockers at the City's maintenance yard, the boat yard, Stearns Wharf, and the dry dock in 1-gallon containers, with less than 55 gallons total at any site (considered less than significant quantities per Santa Barbara County requirements). The U.S. Coast Guard (USCG) also has two storage lockers (appropriately labeled for hazardous materials contents) outside of their Marine Safety Division building (111 Harbor Way) that contain paints, solvents, fuels, lubricants, waste oil, and other materials for maintenance of their boat and equipment. The maximum amount of materials kept in these lockers is 150 gallons, mostly in 1-gallon or 5-gallon containers plus two 55-gallon drums for waste oil associated with boat maintenance.

6.0 POTENTIAL POLLUTION SOURCES

a. Description

1. *Industrial Processes*

The onshore industrial activities at the Harbor include boat maintenance, harbor maintenance, and routine engine maintenance operations. Areas where these activities occur include the Waterfront Department's Harbor maintenance yard, the Harbor Marine Works boat yard, and the boat storage yards associated with the Yacht Club and Sailing Club. The activities include sanding and painting of boat hulls, engine repair and maintenance, and general maintenance

(such as sign painting, woodwork, etc.). The work is conducted using hand tools or portable power tools. All of these areas are located adjacent to each other in one portion of the site. There is one storm drain system (Drainage A, refer to the site maps in Appendix C) servicing all of the boat maintenance areas. Non-storm water flows from these areas collect in a sediment trap located in the Harbor Marine Works boat yard, are treated and then are pumped into the city sewer system. During storm events, the pump is switched off to allow storm water to flow into drainage A and eventually discharge into the ocean.

There is also a boat maintenance operation, the Santa Barbara Dry dock, located in Marina 1F. The maintenance shop at the dry dock is covered and all storm water is currently diverted away from the areas where the majority of the maintenance activities occur and materials are stored. The dry dock itself can hold one boat at a time out of the water for bottom buffing and repainting. The areas are kept clean and dust free and no work is conducted during rain. Tarps are present around the dry dock and can be rolled down to prevent dust from going into the Harbor or on neighboring boats. All materials are stored in lockers or other covered areas.

2. *Material Handling and Storage Areas*

Areas that include storage and handling of materials in any significant quantities include the fuel dock fuel storage tanks and waste oil storage tanks at Marinas 2 and 4 (refer to Map C-3 in Appendix C). The transfer of fuel oil and waste oil is monitored constantly by designated personnel. In addition, the fuel dock has several types of lubricants, waste oil, and batteries stored at the operations site located at the end of the City Pier (refer to the site maps in Appendix C). The fuel pumps themselves are outside with the nozzles kept in a box for secondary containment. Additional information with regard to operations at the fuel dock is included in Appendix D, including spill response plans and procedures, hazardous material inventory sheets, and employee training.

The Waterfront Department staff and tenants (the boat yard, the dry dock, USCG, and Stearns Wharf Maintenance) use various industrial and consumer products (such as paints, solvents, soaps, etc.) for boat and general maintenance activities. These products are kept in small quantities (mostly 1-gallon containers) and stored in enclosed, fire resistant lockers or sheds and are not susceptible to rainfall or runoff. The general boating public also use materials (such as paints, solvents, soaps, lubricants, etc.) to maintain the boats in the slips. Each boater is responsible for maintaining good housekeeping practices while in the marina including proper handling of materials. Except for the waste oil storage tanks, there are no storage facilities available to the public within the Harbor property.

In the unlikely event of a leak or spill, the Waterfront Department has instructions that identify required action (Appendix E).

3. *Dust and Particulate-Generating Activities*

As previously mentioned above under industrial activities, dust-generating activities at the Waterfront include boat and general maintenance, such as sanding. The Santa Barbara Harbor is a high public use area that is often subject to windy conditions, due to proximity to the ocean. Air quality standards and public protection and comfort dictate that dust control measures are employed. The Harbor Marine Works boat yard, where the majority of commercial boat work is conducted, uses vacuum sanders that control nearly all of the dust from this activity. During

maintenance activities at Stearns Wharf, booms and sorbent pads are utilized to collect all materials that happen to reach ocean waters as required.

4. *Significant Spills and Leaks*

There have been no recent, significant spills or leaks associated with Waterfront operations. There was one spill of 40 gallons of fuel oil associated with the fuel dock in 1994. On occasion, oil sheen visible on the water surface has been observed and reported to the Waterfront Department. These are treated as minor, untraceable spills and are logged by the Waterfront Department and reported to the USCG Marine Safety Division. It is likely that this sheen is from diesel vessels and the sheen usually dissipates within a short period.

5. *Non-storm Water Discharges*

For this SWPPP, the boat slips in the marinas are included under transportation-related industrial activities. Potable water is available for rinsing the boats and flushing sea water from boat motors in the slips and at the launch ramp. In most cases, boats are rinsed with fresh water to remove sea water and periodically soaps or mild detergents (biodegradable products are used according to tenant surveys, refer to Appendix B) are also used for wash down. Although this practice does not involve the storm drainage system in the Harbor, washing of vehicles (boats) is identified as an unauthorized non-storm water discharge in this SWPPP. It will not be feasible to eliminate this discharge nor to include this discharge in the sampling program.

Other incidental non-storm water discharges in the Waterfront property include the following: washing of Harbor maintenance vehicles (cars and trucks) at the City's maintenance yard, rinsing of recreation equipment including kayaks and SCUBA gear associated with commercial activities, steam cleaning of paved surfaces, occasional discharge of small quantities of water or ice associated with the Fish Market or special events, discharge from recreational fish cleaning stations on Stearns Wharf, small amounts of water from window washing, landscape irrigation runoff and periodic wash down of Stearns Wharf and the City pier. These low threat non-storm water discharges occur periodically in unquantifiable volumes. It may not be feasible to reduce or eliminate all of these non-storm water discharges if the Waterfront is to maintain its current use operations. However, BMPs identified in this report address the reduction of these non-storm water discharges and, at minimum, the reduction of potential pollutants associated with these non-storm water discharges.

According to the NPDES General Permit Section D, Special Conditions (refer to Appendix A for a copy of the General Permit) non-storm water discharges may be authorized provided they satisfy specific conditions and are reported and described in the annual report. One of the conditions is that the non-storm water discharges do not contain significant quantities of pollutants. In order to meet these conditions with regard to the discharge of wash water, the Waterfront Department will include analysis for soaps and detergents in the sampling, monitoring and reporting program.

6. *Soil Erosion*

Not applicable. All non-impervious areas are landscaped or beach areas.

b. Summary

The following table is a summary of the industrial activities within the Santa Barbara Harbor and potential pollutant sources.

Activity	*Location*	*Potential Pollutant Source*	*Potential Pollutants*
Boat repair and maintenance	City Maintenance Yard Boat Yard	Spills or leaking containers	Paint, solvents
Boat washing	Boat Yards and Marina	Spills or leaking containers	Soaps, disinfectants, bleach
General maintenance operations	City Maintenance Yard Harbor property and Stearns Wharf	Spills of leaking containers	Paints, solvents, soaps
Fuel delivery to under-ground storage tanks	Underground Storage Tanks access	Spills	Fuel oil (unleaded and diesel #2)
Fueling of boats at the fuel dock	Fuel Dock	Spills, leaking equipment	Fuel oil (unleaded and diesel #2)
Other materials in significant quantities	Fuel Dock	Leaking containers, improper storage and handling	Motor oil, waste oil, battery acid
Transfer of waste oil	Waste Oil stations at Marinas 2 and 4	Spills	Waste oil
General storage of materials	City Maintenance Yard Boat Yard, outside of Building 111 (USCG) and Stearns Wharf	Leaking containers, improper storage and handling, drainage to storage lockers	Paints, solvents, soaps, lubricants, waste oil

7.0 ASSESSMENT OF POTENTIAL POLLUTANT SOURCES

a. Narrative

The following is a discussion of the likely sources of pollutants entering the harbor that are associated with Waterfront activities. Refer to Figure C-2 for the identification of drainage areas and Figure C-3 for the locations of the following areas (in Appendix C).

The fuel dock and associated underground storage tanks — The largest amount of potentially polluting material is in the underground storage tanks located near building 117. Spills are most likely to occur during filling of the tanks. Filling of the tanks is conducted in accordance with federal, state, and local regulations that are in place to ensure that proper procedures are followed in order to prevent any spills. Visual inspections and sampling of drainage area A (refer to Figure C-2 in Appendix C) will monitor the area where the underground storage tanks are located. Fuel is transported from the tanks to the fuel dock via a pipeline system, which is partially underground and partially under the City Pier (where the fuel dock is located). Visual inspections will be able to determine if there are any leaks from the pipelines under the pier. The materials stored at the fuel dock are in accordance with the Santa Barbara County Hazardous Materials Unified Program and are described in the Inventory Forms included in Appendix D. These materials should be stored inside or in areas with overhead coverage.

Visual inspections will ensure that proper storage procedures are used and no materials are spilled or leaking onto the dock or into Harbor waters. Sampling of storm water discharge associated with the fuel dock is not feasible.

Waste oil collection stations at Marinas 2 and 4 — The waste oil collection stations are accessible only to Harbor tenants and Waterfront Department staff. Each of the two 255-gallon tanks are above-ground, double-walled storage tanks enclosed inside a partial wall with a roof. Oil levels are checked daily and waste oil is periodically picked up for recycling by a local vendor. Transference of oil is monitored constantly during the process. Visual inspections and sampling of drainage areas F and G will monitor the areas where the waste oil collection sites are located.

City maintenance yard, boat yard, dry dock, USCG building, and Stearns Wharf — Materials are not stored in significant quantities at the maintenance yard, boat yard, Santa Barbara Dry Dock or Stearns Wharf. However, it is important that good housekeeping practices are in place and that the facilities and storage lockers or areas are monitored to ensure that there are no spills of materials into the Harbor or onto surfaces where they could potentially be exposed to storm water or storm water runoff. Visual inspections of the maintenance yard, boat yard, and area around the dry dock will occur in these areas to ensure that materials are being stored and handled properly. Sampling of drainage areas A will monitor storm water runoff from the maintenance and boat yard.

The USCG has two storage lockers located outside of the southeast corner of building 111. A list of the materials kept onsite is maintained by the USCG. The maximum amount of materials kept in these lockers is 150 gallons, mostly in 1- or 5-gallon containers plus two 55-gallon drums for collection of waste oil from boat operations. The required business and hazardous materials spill plans are registered with the City of Santa Barbara and updated regularly. The lockers are enclosed, labeled and have suitable space at the base to contain any spills that may occur. The materials within the lockers or any spilled materials would not have the potential to be exposed to storm water or storm water runoff. The USCG facility and operations are periodically inspected by the U.S. EPA (Registration Number CA 5690390526). Sampling of drainage areas A and B will monitor storm water runoff from the USCG storage lockers.

Restaurant operations in building 117/119 and Stearns Wharf — The operations in building 117/119 include washing of kitchen mats outside and storage of used kitchen grease within a trash enclosure that was constructed in 2000. The trash enclosure has a drain that connects to the City's sewer system that collects wash water from the kitchen mats and mop buckets.. Used kitchen grease is stored in the trash enclosure on secondary containment units; however, it is not in significant quantities. The trash enclosures on Stearns Wharf behind Moby Dicks and the Shellfish Company restaurants are both lined and bermed with concrete. They include drains that connect to the City's sewer system to collect wash water.

Trash collection sites — Several waste receptacles are present throughout the site. These are emptied on a regular basis, and trash is not allowed to accumulate on the sites. (The Harbor is a public area and all efforts are made to ensure that visitors have a positive experience.) Waste receptacles are a potential source of pollution, especially if improper dumping of hazardous materials occurs. Trash receptacles and the areas around them will be included in the visual inspections to ensure that good housekeeping practices are employed and there is no illegal dumping of hazardous materials.

Marina — Boat and equipment maintenance operations at the marina contribute to non-storm water discharges into Harbor waters and, in some locations, the storm drains. Boats and equipment are typically rinsed with fresh water supplied by hoses at various locations throughout the marina. Occasionally, soaps or disinfectants are used in very small amounts with the fresh water. In some cases the bottoms of boats are brushed to remove organic matter, and paint may come off with the organic debris (in very small amounts). Visual observations of the Harbor water surface will monitor the non-storm water discharges and any significant amount of materials from these operations. The Harbor Patrol periodically inspects the waters to ensure tenants are not letting foreign materials enter the water.

b. Assessment

Activity	*Pollutant Source*	*Pollutant*	*BMP**
Fuel Dock and Underground Storage Tanks			
Filling of underground storage tanks; boat fueling	Spills	Fuel oils	• Monitoring of fueling operations (good housekeeping) • Installation of secondary spill guard features around all fuel pumps (completed 2003)
Materials handling and storage	Spills and leaks	Fuel oil, motor oil, waste oil, battery acid	• Proper handling and storage techniques (good housekeeping) • Installation of overhead coverage in areas exposed to rainfall including oil storage facility and battery recycling location (completed 2003) • Establish and enforce use of secondary containment for all used oil storage drums (completed 2002)
Waste Oil Collection Stations			
Materials handling and storage	Spills and leaks	Waste oil	• Monitoring of transfer operations • Regular removal of waste oil • Ensure areas are kept clean (good housekeeping) • Overhead covers installed at both locations (Marina 2 and 4), (completed 2003)
City Maintenance Yard, Boat Yard, Dry Dock, USCG building 111, Stearns Wharf			
Boat maintenance	Spills and leaking containers	Paints, solvents, lubricants	• Good housekeeping techniques • Installation of non-storm water collection system for boat yard (completed 2005) • Collection of non-storm water discharge from dry dock
Boat washing	Spills and leaking containers	Soaps, disinfectants	• Good housekeeping techniques
Storage	Spills and leaking containers	Paints, solvents, lubricants, soaps, disinfectants	• Good housekeeping techniques (including proper maintenance of storage areas, sweeping, routine checks) • Cover all trash bins and all hazardous materials • Establish and enforce use of secondary containment for all used oil storage drums (completed 2002)

Restaurant Maintenance (in Outside Areas)			
Used kitchen grease storage	Spills and leaks	Used kitchen grease	• Move storage to areas that have installed overhead coverage and diversion system (i.e., berms) to prevent drums from being exposed to rain and, if drums are damaged or leaking, prevent grease from going into the storm water system • Cover all trash bins and all used oil drums • Establish and enforce use of secondary containment for all used oil storage drums (completed 2002)
* Best Management Practices (BMP) are described in detail below.			

8.0 BEST MANAGEMENT PRACTICES

The following items in this section address baseline Best Management Practices (BMPs) applicable to all Santa Barbara Waterfront tenants and Waterfront Department staff. All tenants shall conform to the following general BMPs to ensure coverage by the Santa Barbara Harbor General Permit. Waterfront Department staff will periodically inspect tenant premises for compliance.

a. Non-structural BMPs

1. Good Housekeeping
2. Preventive Maintenance
3. Spill Prevention and Response
4. Material Handling and Storage
5. Employee Training
6. Waste Handling/Recycling
7. Recordkeeping and Internal Reporting
8. Erosion Control and Site Stabilization
9. Inspections
10. Quality Assurance

1. *Good Housekeeping*

Good housekeeping requires the maintenance of areas that may contribute pollutants to storm water discharges in a clean, orderly manner.

- Maintain dry and clean ground surfaces by using brooms, shovels, or vacuums.
- Keep all trash receptacles tightly closed and secured.
- Regularly pickup and dispose of garbage and waste material.
- Regularly change the absorbent pads that line the floors of waste storage areas.
- Routinely inspect for leaks or conditions that could lead to discharges of chemicals or contact of storm water with potential pollutants.
- Encourage/require the use of EPA-approved, biodegradable soaps, and disinfectants in areas where wash-water discharges directly into the receiving water. (There are many biodegradable products in the market. Essentially, biodegradable materials are those that will break down quickly when exposed to environmental conditions, such as sun, and will leave no residual chemicals.) Sampling results will be reviewed by the RWQCB to determine if there are significant quantities of pollutants contained in the discharge associated with these activities.
- Ensure that spill cleanup procedures are understood by employees and tenants and that spill cleanup equipment and materials are readily available.

2. *Preventive Maintenance*

- Regularly inspect and maintain structural storm water controls including the storm drains, pipes, and sediment trap. Ensure that storm drains and pipes are kept free of debris.

- Schedule periodic inspections of equipment and systems.

- Maintain complete records on inspections, equipment, and systems.

3. *Spill Prevention and Response*

- Identify areas where spills can occur on site and their drainage points.

- Ensure appropriate material handling procedures and storage requirements are employed.

- Identify procedures for cleaning up spills and inform staff and tenants about these procedures. Provide the appropriate spill clean-up equipment in an area that is accessible to staff and tenants.

- Report spills in accordance with federal, state, and local regulations.

- The Waterfront Department has Hazardous Materials Spill (Oil and Gas) Reporting Procedures that are included in Appendix E.

- Leaks and spills in the Waterfront or surrounding property will be documented and reported by the Inspector in accordance with the General Permit and the SWPPP.

4. *Material Handling and Storage*

- Identify all chemical substances present in the workplace and ensure the related Material Safety Data Sheet (MSDS) is displayed for immediate use by employees when required.

- Ensure all containers are appropriately labeled to show the name, type of substance, stock number, expiration date, health hazards, suggestions for handling, and first aid information.

- Clearly mark hazardous materials that require special handling, storage, use and disposal considerations.

- Store containers according to manufacturer's instructions to avoid damaging the containers through improper weight distribution. Store containers away from direct traffic routes to prevent accidental spills.

- Store containers above the ground to prevent corrosion that can result when containers come in contact with moisture on the ground. Remove/replace any containers that show signs of rust or other damage.

- Use secondary containment pallets (spill grates) with all waste storage drums that are not double-walled. Line the floor of waste storage areas with absorbent pads to retain potential spill material.

- Maintain an inventory of all hazardous materials kept on site in significant quantities with the potential to leak or spill into the drainage system or into areas that may be exposed to

storm water. Properly dispose of chemicals/materials that are old or have exceeded their expiration dates.

5. *Employee Training and Tenant Awareness*

- Employee training and tenant awareness programs must inform personnel and tenants at all levels of responsibility of the components and goals of the SWPPP. Topics shall include spill prevention and response, good housekeeping and material management practices. The SWPPP will be kept at a central location and made available to tenants at their request.

- Incorporate information sessions on good housekeeping practices into the employee training and tenant information program.

- Discuss good housekeeping at employee and tenant meetings.

- Publicize pollution prevention concepts through notices, newsletters, posters, or other media.

- Post bulletin boards with updated good housekeeping procedures, tips and reminders.

6. *Waste Handling/Recycling*

Solid waste disposal and recycling is accomplished through the municipal waste handling system. The waste oil (from waste oil collection tanks at Marinas 2 and 4) is periodically picked up by a local vendor (Black Gold, see Appendix B). Hazardous material containers (such as paint, solvents, fuels, etc.) may be disposed of as trash as long as there is no liquid residue in the container (i.e., leave paint cans open and allow paint to dry before disposal). If a container has liquid residue, it must be disposed of as hazardous waste.

7. *Record Keeping and Internal Reporting*

The Inspector shall document and record all inspection and maintenance activities. A tracking and follow-up procedure will be utilized to ensure appropriate response has been taken. The Inspector may use the enclosed forms or other method for this purpose (see Appendix F, Inspection Report Forms). Incidents such as spills or discharges, other than storm water or authorized non-storm water, must be included in the records. Records of all storm water monitoring information and copies of all reports, including the annual report, will be retained for a period of at least five years from the date of the sample, observation, measurement or report. Reporting documentation is public information and is available upon request.

8. *Erosion Control and Site Stabilization*

(Not applicable)

9. *Inspections*

In addition to the preventive maintenance inspections described above and the inspections identified in Section B, the Inspector shall schedule visual inspections for areas identified as potential sources of pollutants. These areas include the maintenance yard, boat yard, Stearns Wharf, underground storage tank area, waste oil collection sites, trash enclosure outside of

building 117/119, the water surface in the Harbor and other areas that have the potential to contribute sources of pollutants to storm water discharges. In addition, the Inspector shall include the following:

- The pipe system delivering fuel from the underground storage tanks to the fuel dock will be inspected for leaks.

- The storage areas associated with fuel dock operations (i.e., waste oil, oil filters, and batteries) will be inspected for signs of leaking and the potential to be exposed to storm water or storm water runoff. If there is the potential for pollutants to be exposed to rainwater, then means will be employed to cover the exposed areas or otherwise divert the storm water from the potential source of pollutants.

- Hazardous materials storage lockers shall be inspected to ensure that watertight conditions are maintained. Signs of leaking storage lockers shall be noted and appropriate actions taken. Signs of spilled containers inside the storage lockers shall also be noted.

- Trash bins shall be inspected for signs of leaking. If a leak, other than water, is discovered, the material that is leaking shall be identified. If improper dumping is discovered (such as paints, solvents, fuels, etc.), the source shall be identified and appropriate action taken to eliminate the problem.

- A tracking and follow-up procedure will be utilized to ensure appropriate response has been taken. Records of all inspections will be maintained.

10. *Quality Assurance*

The inspection and record keeping procedures are intended to ensure that all elements of the SWPPP (Section A of the General Permit) and Monitoring and Reporting Program (Section B of the General Permit) are adequately conducted.

b. Structural BMPs

1. *Overhead Coverage*

Structures that provide coverage of material may be used to divert storm water and authorized non-storm water from potential sources of pollutants. The following areas may be considered for overhead coverage:

- Hazardous materials storage — Hazardous substances (such as paints, fuels, lubricants, solvents, etc.) at the boat and maintenance yard are stored in fire-resistant lockers with watertight tops and lips at the bottom that act as secondary containment. This storage system appears to be adequate for the small quantities of materials being stored at these sites. If future inspections determine that these lockers are not adequate for the amount of materials being stored, or are not maintained properly, then covering the area where these lockers are stored may be considered as a precautionary measure.

- Waste receptacles and storage areas — In most cases, the trash bins themselves have covers that, when kept closed, are capable of diverting storm water. Having a sufficient number of

waste receptacles with adequate lids that are to remain closed would eliminate this potential source of pollutants. If trash bins do not have adequate coverage to divert storm water, locate waste receptacles under roofs or install an overhang over the areas where the waste bins are kept. (This also applies to the used kitchen grease storage drums.)

2. *Retention Ponds*

(Not applicable)

3. *Control Devices*

- Berms or other devices that channel or route storm water run-on and runoff away from potential pollutant sources would not be applicable to the Waterfront operations.

- For non-storm water discharges, installation of drainage systems that connect to the local sewage system may be appropriate at certain sites within the Waterfront.

- Restaurant washdown areas should adequately contain non-stormwater discharge to prevent pollutants and foreign material from entering the storm water drainage system or from directly entering ocean waters. This may include installation of a non-pervious surface surrounded by curbs with a drain that connects to the city sewer system.

4. *Secondary Containment Structures*

Containment structures around storage tanks or other potential pollutant sources may be considered for the purpose of collecting leaks and spills. Such structures may be considered for the following areas:

- Hazardous materials storage — Storage lockers at the City maintenance, boat yard, Stearns Wharf, and USCG building. If it is determined that this system is not adequate for the amount of materials being stored, or does not adequately contain spills and leaks, then placing lockers in an area that could be enclosed in a berm may be suitable.

- Secondary containment structures are already in place for the waste oil stations associated with Marinas 2 and 4. The underground storage tanks associated with the fuel dock have secondary containment as required.

5. *Treatment*

Treatment systems that reduce the pollutants in storm water discharges may be appropriate for some of the drainage areas associated with the Waterfront. Treatment control BMPs includes inlet controls, infiltration devices, oil/water separators, detention ponds, vegetative swales, and others. Of these, the only treatment methods that would be compatible with operations at the Waterfront are infiltration devices and oil/water separators, due to available space constraints and location.

Infiltration devices. An infiltration device or sediment trap is already in place in the boat yard which, filter sediments associated with runoff from the maintenance yard and boat yard. Since these operations would be the primary source of particulate matter associated with Harbor activities, the use of this device at this location seems appropriate. However, the purpose of a

sediment trap is only to remove particulate matter and does not remove dissolved pollutants. Therefore, boat yard washdown and first flush water are diverted to the sewer system after passing through the infiltration device.

Oil/water separators. Oil/water separators are designed to remove petroleum products and grease. In addition, separators may also remove floatable materials and sediments. Oil/water separators are used throughout California in industrial sites and, in some cases, are required in new developments to protect environmentally sensitive habitats. They are generally used in areas where activities result in abnormal amounts of petroleum products being lost to exposed pavement, either by accidental small spills or dripping from the vehicle undercarriage. This usually applies to vehicle maintenance areas or areas heavily used by mobile equipment. Two types of oil/water separators are generally used: the conventional gravity separator and the coalescing plate interceptor. The size and type of separator used is dependent on cost, runoff characteristics and amount of pollutants expected (Storm Water Quality Task Force 1993).

Operations at the Waterfront do not include motor vehicle maintenance areas (boats only) or areas heavily used by mobile equipment. There is one crane periodically used to transport boats from the boat launch area to the boat yard and a crane or other piece of heavy equipment may occasionally be used at the fuel dock for operations. Parking lots are used by tenants of the marina and visitors to the Waterfront. It may not be necessary at this time to consider installation of oil/water separators in the drainage areas associated with the parking lots (Areas D, E, F and G). Depending upon the results of the monitoring program associated with this SWPPP, installation of oil/water separators may need to be considered in the future. It is important to note that all of the storm drains associated with the Harbor main parking lot are connected to the City of Santa Barbara storm drain system.

An oil/water separator system may be appropriate for drainage areas A (the maintenance yard, boat yard, commercial areas, and filling area for the underground storage tanks) and B (commercial and restaurant operations, including trash bins and used kitchen grease storage drums), unless other means (such as overhead coverage or secondary containment) of reducing the potential for pollutants to enter the storm water discharge system are employed. Depending upon the results of the monitoring program associated with this SWPPP, installation of oil/water separators may need to be considered in the future.

9.0 ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION

The Inspector shall conduct one comprehensive site compliance evaluation in each reporting period (July 1 — June 30). Evaluations shall be conducted within 8 - 16 months of each other. The SWPPP shall be revised, as appropriate, and the revisions implemented within 90 days of the evaluation. The following shall be included in the evaluations:

- A review of all visual observation records, inspection records, and sampling and analysis results.

- A visual inspection of all potential pollutant sources for evidence of, or the potential for, pollutants entering the storm drain system.

- A review and evaluation of all BMPs (structural and non-structural) to determine if they are adequate and properly maintained or if additional BMPs are needed.

- An evaluation report that includes the following:

    - Identification of personnel performing the evaluation;

    - The date(s) of the evaluation;

    - Necessary SWPPP revisions;

    - Schedule for implementing the revisions (as required in Section A.10.e of the General Permit);

    - Identification of non-compliance incidents and the corrective action taken;

    - A certification that the facility operation is in compliance with the General Permit.

The evaluation report shall be submitted as part of the annual report, retained for at least five years, and signed and certified by the chief or senior executive officer having responsibility for the overall operations of the Santa Barbara Harbor or a duly authorized representative as described in the NPDES General Permit Section C.9 (refer to the General Permit included in Appendix A).

COMPLIANCE ACTIVITY SCHEDULE

A list of the action items identified in this report is included at the end of this report in Appendix G. This list will be updated annually and included in the annual report.

10.0 SWPPP GENERAL REQUIREMENTS

1. The SWPPP shall be retained on site and made available upon request of a representative of the Regional Water Quality Control Board.

2. The Regional Water Quality Control Board may notify the facility operator when the SWPPP does not meet one or more of the minimum requirements of this Section. As requested by the Regional Water Quality Control Board, the facility operator shall submit a SWPPP revision and implementation schedule that meets the minimum requirements of this section to the Regional Water Quality Control Board. Within 14 days after implementing the required SWPPP revisions, the facility operator shall provide written certification to the Regional Water Quality Control Board and/or local agency that the revisions have been implemented.

3. The SWPPP shall be revised, as appropriate, and implemented prior to changes in industrial activities that (1) may significantly increase the quantities of pollutants in storm water discharge, (2) cause a new area of industrial activity at the facility to be exposed to storm water, or (3) begin an industrial activity that would introduce a new pollutant source at the facility.

4. The SWPPP shall be revised and implemented in a timely manner, but in no case more than 90 days after a facility operator determines that the SWPPP is in violation of any requirement(s) of this General Permit.

5. When any part of the SWPPP is infeasible to implement by the deadlines specified in Provision E.2 or Sections A.1, A.9, A.10.c, and A.10.d of this General Permit due to proposed significant structural changes, the facility operator shall submit a report to the Regional Water Quality Control Board prior to the applicable deadline that (a) describes the portion of the SWPPP that is infeasible to implement by the deadline, (b) provides justification for a time extension, (c) provides a schedule for completing and implementing that portion of the SWPPP, and (d) describes the BMPs that will be implemented in the interim period to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. Such reports are subject to Regional Water Quality Control Board approval and/or modifications. Facility operators shall provide written notification to the Regional Water Quality Control Board within 14 days after the SWPPP revisions are implemented.

6. The SWPPP shall be provided, upon request, to the Regional Water Quality Control Board. The SWPPP is considered a report that shall be available to the public by the Regional Water Quality Control Board under Section 308(b) of the Clean Water Act.

SECTION B:
MONITORING PROGRAM AND REPORTING REQUIREMENTS

1.0 IMPLEMENTATION SCHEDULE

The following monitoring program was developed by the Waterfront Department for the Santa Barbara Waterfront in accordance with the regulatory requirements of the NPDES General Permit (Appendix A) to Discharge Storm Water Associated with Industrial Activity. The SWPPP (section A) identifies the person(s) responsible for implementation of the monitoring program and preparation of the annual report. Appendix C includes site maps that identify the locations of the catchbasins and discharge points subject to visual inspections and storm water sampling as described. For the purposes of this monitoring program, the following applies:

Waterfront Hours of Operation: Monday through Friday, 7:30 A.M. to 4 P.M.

2.0 OBJECTIVES

The objectives of the monitoring program are to:

1. Ensure that storm water discharges are in compliance with the Discharge Prohibitions, Effluent Limitations, and Receiving Water Limitations specified in the General Permit.

2. Ensure practices at the Santa Barbara Waterfront to reduce or prevent pollutants in storm water discharges are evaluated and revised to meet changing conditions.

3. Aid in the implementation and revision of the SWPPP as required in the General Permit.

4. Measure the effectiveness of best management practices (BMPs) to prevent or reduce pollutants in storm water discharges and authorized non-storm water discharges.

3.0 NON-STORM WATER VISUAL OBSERVATIONS

1. The Inspector shall visually observe all drainage areas (A through H on the site maps, all parking lots, and Stearns Wharf, refer to Appendix C) within the Santa Barbara Harbor for the presence of unauthorized discharges (timing of visual inspections is described below).

2. The Inspector shall visually observe non-storm water discharges and their sources.

3. Visual observations shall occur quarterly, during daylight hours, on days with no storm water discharges, during scheduled facility operating hours and within 6 to 18 weeks of each other. Quarterly visual observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December.

4. Visual observations shall document the presence of any discoloration, stains, odors, floating materials, etc. as well as the source of the discharge. Records shall be maintained of the visual observation dates, locations observed, observations and response taken to eliminate

unauthorized non-storm water discharge, and to reduce or prevent pollutants from contacting non-storm water discharges. The SWPPP (Section A) shall be revised, as necessary, to include BMPs to minimize the source and associated pollutants of the non-stormwater discharge and implemented in accordance with the NPDES General Permit.

An Inspection Report Form for Non-Storm Water Visual Observations is included in Appendix F. The Inspector may use this form or other means of recording observations. All records of observations must contain, at a minimum, the information presented in the Inspection Report Forms and must be included in the Annual Report.

4.0 STORM WATER DISCHARGE VISUAL OBSERVATION

1. Inspectors shall visually observe storm water discharges from one storm event per month during the wet season (October 1 - May 31). These observations shall occur during the first hour of discharge and at all discharge locations. (There is no stored or contained storm water within the Santa Barbara Harbor facilities.)

2. Visual observations are only required of storm water discharges that occur during daylight hours, that are preceded by at least three working days without storm water discharges, and that occur during scheduled facility operating hours. Three working days may be separated by non-working days such as weekends and holidays provided that no storm water discharges occur during the three working days and the non-working days.

3. Visual observations shall document the presence of floating and suspended material, oil and grease, discoloration, turbidity, odor, and source of any pollutants. Records shall be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in storm water discharges.

A copy of the Inspection Report Form for Storm Water Discharge Visual Observations is included in Appendix F. The Inspector may use this form or other means of recording observations. All records of observations must contain, at a minimum, the information presented in the Inspection Report Forms and must be included in the Annual Report.

5.0 SAMPLING AND ANALYSIS

1. Inspectors shall collect storm water samples during the first hour of discharge from (1) the first storm event of the wet season (October 1 - May 31), and (2) at least one other storm event in the wet season. All storm water discharge locations shall be sampled. A copy of the Inspection Report Form for Sampling and Analysis is included in Appendix F. The Inspector may use this form or other means of recording observations. All records of observations must contain, at a minimum, the information presented in the Inspection Report Forms and must be included in the Annual Report.

2. Sample collection is only required of storm water discharges that occur during daylight hours, that are preceded by at least three working days without storm water discharges, and that occur during scheduled facility operating hours.

3. The samples shall be analyzed for the following:

   - Total suspended solids (TSS), pH, specific conductance (SC), and total organic carbon (TOC). Oil and grease (O&G) may be substituted for TOC.

   - Toxic chemicals and other pollutants that are likely to be present in storm water discharges in significant quantities. (Note: if these pollutants are not detected in significant quantities after two consecutive sampling events, the Inspector may eliminate the pollutant from future sample analysis until the pollutant is likely to be present again.)

   - Other analytical parameters. These include aluminum (Al), iron (Fe), lead (Pb), and zinc (Zn) for water transportation facilities that have vessel cleaning and equipment maintenance shops and/or equipment cleaning operations.

   - Other parameters as required by the Regional Water Quality Control Board. A surfactants (NBAS) test will be included in the sampling analyses to determine the presence of soaps and detergents in the water.

6.0 FACILITIES SUBJECT TO FEDERAL STORM WATER EFFLUENT LIMITATION GUIDELINES

(Not applicable)

7.0 SAMPLE STORM WATER DISCHARGE LOCATIONS

The Inspector shall visually observe and collect samples of storm water discharges from drainage areas A through H shown on the site maps included in Appendix C. These drainage areas represent the quality and quantity of the facilities storm water discharges from a storm event. The sampling will be collected from the catchbasins either just below the lip where water is entering the basin from the surface flow (to exclude any discharge from off-site sources), or at the base (in the drainage areas that are not influenced by off-site storm water runoff). The catchbasins were chosen as the sampling points because the discharge points are located in areas that are difficult and/or dangerous to access and are periodically underwater. The catchbasins are labeled (see Figure C-3) with a letter corresponding to its associated drainage area and numbered in accordance with the preferred sampling location (number 1 is the primary sampling point). If alternate sampling locations are used, this will be noted on the Inspection Report Form with an explanation.

Drainage areas within the parking lot located at the east end of the site may be essentially the same. It may be appropriate to collect from (1) one representative drainage area or (2) collect a combined sample from this area. If sampling is done in this manner, the procedure shall be documented in the annual report with an explanation.

8.0 VISUAL OBSERVATION AND SAMPLE COLLECTION EXCEPTIONS

The Inspector is required to be prepared to collect samples and conduct visual observations at the beginning of October and throughout the wet season (until May 31) until the minimum requirements of Sections B.4 and B.5 are completed, with the following exceptions:

1. The Inspector will not be required to collect samples or conduct visual observations in dangerous weather conditions (such as flooding, electrical storm, etc.), when storm water discharges begin after scheduled facility operating hours or when storm water discharges are not preceded by three working days without discharge. The Inspector shall include an explanation in the annual report as to why the sampling or visual observations could not be conducted.

2. The Inspector may conduct visual observations or sample collection more than one hour after discharge begins if it is determined that this will better meet the objectives of this Section (Section B). An explanation shall be included in the annual report.

9.0 ALTERNATIVE MONITORING PROCEDURES

The Santa Barbara Harbor does not propose an alternative monitoring program at this time. If an alternative monitoring program that meets the objectives of Section B.2 is considered, it shall be submitted to the Regional Water Quality Control Board for approval and/or modification prior to implementation.

10.0 MONITORING METHODS

1. The Waterfront Department staff will satisfy the monitoring program objectives for the Santa Barbara Harbor by using the Inspection Report Forms or other similar means of recording data, to observe and record observations as directed by the SWPPP. The timing of the visual observations will be as described in this section (B.3 and B.4). The records for Non-Storm Water Visual Observations and Storm Water Discharge Visual Observations will be included as part of the annual report. The sampling locations were selected to ensure that all operations performed at the Santa Barbara Harbor would be included in the visual inspection and sampling procedures. The timing of the sampling will be as described in this section (B.5). The records for Sampling and Analysis as well as analysis results will be included as part of the annual report. Water samples will be sent to a State of California certified laboratory for analysis.

2. Sample handling and analysis — For catchbasins A1 and C1, the catchbasin lid will be removed and the sampling container (i.e., bailer or similar) will be lowered into the flow at the bottom of the drainage. For catchbasins D1, F1, and G1 (or other if the primary sampling point is obstructed), the catchbasin lid will be removed and the sampling container will be placed under the lip of the catchbasin to capture the flow from the surface before it mingles with offsite flow in the drainage system. For drainage area B, which is an

open culvert, the sample will be collected from the flow at the point (B1) before it goes into the ocean.

11.0 INACTIVE MINING OPERATIONS

(Not applicable)

12.0 SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. Sampling and Analysis Exemptions

Santa Barbara Harbor currently does not qualify for exemption as described in this section.

2. Sampling and Analysis Reduction

A facility operator may reduce the number of sampling events required to be sampled under certain circumstances described in the General Permit Section B.12.b. If a reduction in sampling is considered, the SWPPP and this Monitoring Program will be updated to include certification that the appropriate conditions have been met.

13.0 RECORDS

Records of all storm water monitoring information and copies of all reports, including the annual reports required by this General Permit shall be retained for a period of at least five (5) years. These records shall include the following:

1. The date, place, and time of site inspections, sampling, visual observations and/or measurements;

2. The individual(s) who performed the site inspections, sampling, visual observations and/or measurements;

3. The date and approximate time of analyses;

4. The individual(s) or company who performed the analyses;

5. Analytical results, method detection limits and the analytical techniques or methods used;

6. Quality assurance/quality control records and results;

7. Non-storm water discharge inspections and visual observations and storm water discharge visual observation records (Inspection Report Forms);

8. Visual observation and sample collection exception records (should be recorded on Inspection Report Forms);

9. All calibration and maintenance records of on-site instruments used (if appropriate);

10. All Sampling and Analysis Exemption and Reduction Certifications and supporting documentation (if applicable);

11. The records of any corrective actions and follow-up activities that resulted from the visual observations (should be recorded on Inspection Report Forms).

14.0 ANNUAL REPORT

All facility operators shall submit an annual report by July 1 of each year to the following (unless otherwise directed on the annual report forms provided by the Regional Water Quality Control Board):

Executive Officer, Regional Water Quality Control Board
Central Coast Region
81 South Higuera Street, Suite 200
San Luis Obispo, CA 93401-5427

The report shall include a summary of visual observations and sampling results, an evaluation of the visual observation and sampling and analysis results, laboratory reports, the Annual Comprehensive Site Compliance Evaluation Report (required in Section A.9), an explanation of why a facility did not implement any activities required by the General Permit (if not already included in the Evaluation Report) and records specified in Section B.13 above. The method detection limit for each analytical parameter shall be included. Analytical results that are less than the method detection limit shall be reported as "less than the method detection limit." The annual report shall be signed and certified by the principal or Chief Executive Officer or senior officer having responsibility for the overall operations of the Santa Barbara Harbor (in accordance with Standard Provisions 9. and 10. of Section C of the General Permit). A copy of the certification is included as Appendix H. Facility operators shall prepare and submit their annual reports using the annual report forms provided by the State Water Resource Control Board or Regional Water Quality Control Board or shall submit their information on a form that contains equivalent information.

15.0 GROUP MONITORING

The Waterfront Department is not considering group monitoring at this time.

16.0 WATERSHED MONITORING OPTION

A watershed monitoring option that would include the Santa Barbara Harbor is not proposed.

REFERENCES

City of Santa Barbara. 1996. Harbor Master Plan. Prepared by: Pat Saley and Associates for the City of Santa Barbara Waterfront Department. June.

City of Santa Barbara. First Draft June 2003, Second Draft June 2005 National Pollution Discharge Elimination System (NPDES) Stormwater Pollution Prevention Plan. Prepared by City of Santa Barbara Public Works and Parks Departments.

Storm Water Quality Task Force. 1993. California Storm Water Best Management Practices Handbook: Industrial/Commercial. Prepared by Camp Dresser & McKee, Larry Walker and Associates, Uribe and Associates and Resources Planning Associates.

DEFINITIONS

Best Management Practices (BMP) — schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment measures, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. BMPs may include any type of pollution prevention and pollution control measure necessary to achieve compliance with this General Permit.

Clear Water Act (CWA) — the Federal Water Pollution Control Act enacted by Public Law 92-500 as amended by Public Laws 95-217, 95-576, 96-483, and 97-117; 33 USC 1251 et seq.

County Business Plan — refers to the County of Santa Barbara Environmental Health Services Department "Emergency Response Plan and Procedures." Tenants handling materials in reportable quantities must have a Business Plan filed with the County.

Facility — is a collection of industrial processes discharging storm water associated with industrial activity within the property boundary or operational unit.

Non-Storm Water — means any discharge to storm water systems that is not composed entirely of storm water.

Reportable Quantities — refers to the quantities identified by the County of Santa Barbara Environmental Health Services Department which triggers a business to obtain a County Business Plan.

Significant Materials — includes, but is not limited to, raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA); fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have the potential to be released with storm water discharges.

Significant Quantities — is the volume, concentrations, or mass of a pollutant in storm water discharge that can cause or threaten to cause pollution, contamination, or nuisance; adversely impact human health or the environment, and/or cause or contribute to a violation of any applicable water quality standards for the receiving water.

Significant Spills — includes, but is not limited to, releases of oil or hazardous substances in excess of reportable quantities under Section 313 of the CWA (40 CFR 110.10 and 117.21) or Section 102 of CERCLA (40 CFR 302.4).

Significant Storm Water Discharge — is a continuous discharge of storm water for a minimum of one hour.

Standard Industrial Classification Code (SIC Code) — a classification of the facilities from which storm water discharges are presumed to be "associated with industrial activity" and require a storm water permit.

Storm Water — is defined as rainwater runoff, snowmelt runoff, and surface runoff and drainage.

Tenants — are defined as lessees of the Santa Barbara Harbor, as listed in Appendix B, as well as occupants of the boat slips in the Marina.

APPENDIX A

NOTICE OF INTENT

and

NPDES GENERAL PERMIT

State of California
State Water Resources Control Board

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 97-03-DWQ)
(Excluding Construction Activities)

CTION I. NOI STATUS (please check only one box)

[✓] New Permittee B. [ ] Change of Information WDID # |__|__|__|__|__|__|__|__|__|__|__|

CTION II. FACILITY OPERATOR INFORMATION (See instructions)

NAME: CITY OF SANTA BARBARA
Phone: 805-564-5531

ailing Address: P.O. BOX 1990

ty: SANTA BARBARA
State: CA
Zip Code: 93102-1990

ntact Person: DAVE MYERSON

OPERATOR TYPE:
(check one) 1.[ ] Private 2.[✓]City 3.[ ]County 4.[ ]State 5.[ ]Federal 6.[ ]Special District 7.[ ]Gov. Combo

TION III. FACILITY SITE INFORMATION

FACILITY NAME: WATERFRONT
Phone: 805-564-5531

ility Location: 09 SHORELINE AVENUE
County: SANTA BARBARA

: SANTA BARBARA
State: CA
Zip Code: 93109-

MAILING ADDRESS: P.O. BOX 1990

: SANTA BARBARA
State: CA
Zip Code: 93102-1990

tact Person: [illegible] REYNOLDS

FACILITY INFORMATION
al Size of Site: |__|__|__|__|__|
(check one) Acres [ ] Sq. Ft. [ ]

Percent of Site Impervious (*including rooftops*) |__|__|__| %

SIC CODE(S) OF REGULATED ACTIVITY:
4493
|__|__|__|__|
|__|__|__|__|

E. REGULATED ACTIVITY (*describe each SIC code*):
MARINA

TION IV. ADDRESS FOR CORRESPONDENCE

] Facility Operator Address |__| Facility Mailing Address |__| Both

A

ECTION V. BILLING ADDRESS INFORMATION

SEND BILL TO: [✓]Facility Operator (Section II) [ ]Facility (Section III) [ ]Other (*enter information below*)

Name: CITY OF SANTA BARBARA WATERFRONT | Phone: 805-564-5531

Mailing Address: PO BOX 1990

City: SANTA BARBARA | State: CA | Zip Code: 93102-1990

Contact Person: DAVID MYERSON

CTION VI. RECEIVING WATER INFORMATION

Your facility's storm water discharges flow (*check one*) [✓] Directly OR [ ] Indirectly to waters of the United States.

Name of receiving water: PACIFIC OCEAN
(river, lake, stream, ocean, etc.)

CTION VII. IMPLEMENTATION OF PERMIT REQUIREMENTS

. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (*check one*)
] A SWPPP has been prepared for this facility and is available for review.
✓A SWPPP will be prepared and ready for review by (enter date): 09/30/97

. MONITORING PROGRAM (check one)
] A Monitoring Program has been prepared for this facility and is available for review.
✓A Monitoring Program will be prepared and ready for review by (enter date): 09/30/97

. PERMIT COMPLIANCE RESPONSIBILITY
Has a person been assigned responsibility for:

1. Inspecting the facility throughout the year to identify any potential pollution problems?	YES	✓NO
2. Collecting storm water samples and having them analyzed?	YES	✓NO
3. Preparing and submitting an annual report by July 1 of each year?	YES	✓NO
4. Eliminating discharges other than storm water (*such as equipment or vehicle wash-water*) into the storm drain?	YES	✓NO

CTION VIII. REGULATORY STATUS (*Go to Section IX if not applicable*)

WASTE DISCHARGE REQUIREMENT ORDER NUMBER: | B. NPDES PERMIT CA:

CTION IX. SITE MAP

AVE ENCLOSED A SITE MAP YES[✓] A new NOI submitted without a site map will be rejected.

CTION X. CERTIFICATION

certify under penalty of law that this document and all attachments were prepared under my direction and supervision accordance with a system designed to assure that qualified personnel properly gather and evaluate the information bmitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and mplete. I am aware that there are significant penalties for submitting false information, including the possibility of fine d imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of Storm Water Pollution Prevention Plan and a Monitoring Program Plan, will be complied with."

nted Name: John J Bridley

nature: [signature] Date 7-28-97

e: WATERFRONT DIRECTOR

inston H. Hickox
Secretary for Environmental Protection

State Water Resources Control Board

Division of Water Quality
901 P Street • Sacramento, California 95814 • (916) 657-0757
Mailing Address: P.O. Box 1977 • Sacramento, California • 95812-1977
FAX (916) 657-1011 • Internet Address: http://www.swrcb.ca.gov

Gray Davis
Governor

To: STORM WATER DISCHARGER

SUBJECT: CHECK LIST FOR SUBMITTING A NOTICE OF INTENT

In order for the State Water Resources Control Board to expeditiously process your Notice of Intent (NOI), the following items must be submitted:

1._____ NOI with all applicable sections filled out and signed by the owner/operator;

2._____ Check made out to the "State Water Resources Control Board" with the appropriate fee; and

- County Fees: $250.00 or $500.00
- Dairy Farms: $2000.00

3. _____ Site map displaying the layout of premises (see NOI instructions)
DO NOT SEND BLUEPRINTS

Please return the above items to the address below. If you have any questions regarding this matter, please contact us at (916) 657-0757.

State Water Resources Control Board
Division of Water Quality
Attn: Storm Water Permit Unit
P.O. Box 1977
Sacramento, CA 95812-1977

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
GENERAL PERMIT NO. CAS000001 (GENERAL PERMIT)

WASTE DISCHARGE REQUIREMENTS (WDRS)
FOR
DISCHARGES OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES
EXCLUDING CONSTRUCTION ACTIVITIES

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STATE WATER RESOURCES CONTROL BOARD (STATE WATER BOARD)
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WASTE DISCHARGE REQUIREMENTS (WDRS)
DISCHARGES OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES
EXCLUDING CONSTRUCTION ACTIVITIES

BACKGROUND

In 1972, the Federal Water Pollution Control Act (also referred to as the Clean Water Act [CWA]) was amended to provide that the discharge of pollutants to waters of the United States from any point source is effectively prohibited unless the discharge is in compliance with an NPDES permit. The 1987 amendments to the CWA added Section 402(p) which establishes a framework for regulating municipal and industrial storm water discharges under the NPDES Program. On November 16, 1990, the U.S. Environmental Protection Agency (U.S. EPA) published final regulations that establish application requirements for storm water permits. The regulations require that storm water associated with industrial activity (storm water) that discharges either directly to surface waters or indirectly through municipal separate storm sewers must be regulated by an NPDES permit.

U.S. EPA developed a four-tier permit issuance strategy for storm water discharges associated with industrial activity as follows:

Tier I, Baseline Permitting--One or more general permits will be developed to initially cover the majority of storm water discharges associated with industrial activity.

Tier II, Watershed Permitting--Facilities within watersheds shown to be adversely impacted by storm water discharges associated with industrial activity will be targeted for individual or watershed-specific general permits.

Tier III, Industry-Specific Permitting--Specific industry categories will be targeted for individual or industry-specific general permits.

Tier IV, Facility-Specific Permitting--A variety of factors will be used to target specific facilities for individual permits.

The regulations allow authorized states to issue general permits or individual permits to regulate storm water discharges.

Consistent with Tier I, Baseline Permitting, of the U.S. EPA permitting strategy, the State Water Board issued a statewide General Permit on November 19, 1991 that applied to all storm water discharges requiring a permit except construction activity. The monitoring requirements of this General Permit were amended September 17, 1992. A separate statewide general permit has been issued for construction activity.

To obtain authorization for continued and future storm water discharge under this General Permit, each facility operator must submit a Notice of Intent (NOI). This approach is consistent with the four-tier permitting strategy described in Federal regulations, i.e., Tier 1, Baseline Permitting. Tier 1, Baseline Permitting, enables the State to begin reducing pollutants in industrial storm water in the most efficient manner possible.

This General Permit generally requires facility operators to:

1. Eliminate unauthorized non-storm water discharges;
2. Develop and implement a storm water pollution prevention plan (SWPPP); and
3. Perform monitoring of storm water discharges and authorized non-storm water discharges.

TYPES OF STORM WATER DISCHARGES COVERED BY THIS GENERAL PERMIT

This General Permit is intended to cover all new or existing storm water discharges and authorized non-storm water discharges from facilities required by Federal regulations to obtain a permit including those (1) facilities previously covered by the San Francisco Bay Regional Water Quality Control Board Order
No. 92-011 (as amended by Order No. 92-116), (2) facilities designated by the Regional Water Quality Control Boards (Regional Water Boards), (3) facilities whose operators seek coverage under this General Permit, (4) and facilities required by future U.S. EPA storm water regulations.

The General Permit is intended to cover all facilities described in Attachment 1, whether the facility is primary or is auxiliary to the facility operator's function. For example, even though a school district's primary function is education, a facility which it operates for vehicle maintenance of school buses is a transportation facility which is covered by this General Permit.

The definition of "storm water associated with industrial activity" is provided in Attachment 4, Definition 9, of this General Permit. Facilities that discharge storm water associated with industrial activity requiring a General Permit are listed by category in 40 Code of Federal Regulations (CFR) Section 122.26(b)(14) (Federal Register, Volume 55 on Pages 48065-66) and in Attachment 1 of this General Permit. The facilities can be publicly or privately owned. A general description of these categories are:

1. Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards (40 CFR Subchapter N);

2. Manufacturing facilities;

3. Mining/oil and gas facilities;

4. Hazardous waste treatment, storage, or disposal facilities;

5. Landfills, land application sites, and open dumps that receive industrial waste;

6. Recycling facilities such as metal scrap yards, battery reclaimers, salvage yards, automobile yards;

7. Steam electric generating facilities;

8. Transportation facilities that conduct any type of vehicle maintenance such as fueling, cleaning, repairing, etc.;

9. Sewage treatment plants;

10. Construction activity (covered by a separate general permit); and

11. Certain facilities (often referred to as "light industry") where industrial materials, equipment, or activities are exposed to storm water.

For the most part, these facilities are identified in the Federal regulations by a Standard Industrial Classification (SIC).

Category 1 Dischargers

The following categories of facilities currently have storm water effluent limitation guidelines for at least one of their subcategories. They are cement manufacturing (40 CFR Part 411); feedlots (40 CFR Part 412); fertilizer manufacturing (40 CFR Part 418); petroleum refining (40 CFR Part 419); phosphate manufacturing (40 CFR Part 422); steam electric power generation (40 CFR Part 423); coal mining (40 CFR Part 434); mineral mining and processing (40 CFR Part 436); ore mining and dressing (40 CFR Part 440); and asphalt emulsion (40 CFR Part 443). A facility operator whose facility falls into one of these general categories should examine the effluent guidelines to determine if the facility is categorized in one of the subcategories that have storm water effluent guidelines. If a facility is classified as one of those subcategories, that facility is subject to the standards listed in the CFR for that category and is subject to this General Permit. This General Permit contains additional requirements (see Section B.6.) for facilities with storm water effluent limitations guidelines.

Category 5 Dischargers

Inactive or closed landfills, land application sites, and open dumps that have received industrial wastes (Category 5) may be subject to this General Permit unless the storm water discharges from the sites are already regulated by an NPDES permit issued by the appropriate Regional Water Board. Facility operators of closed landfills that are regulated by waste discharge requirements (WDRs) may be required to comply with this General Permit. In some cases, it may be appropriate for closed landfills to be covered by the State Water Board's General Permit during closure activities. New landfill construction should be covered by the Construction Activities General Permit. Facility operators should contact their Regional Water Board to determine the appropriate permit coverage.

Category 10 Dischargers

Facility operators of Category 10 (light industry) facilities are not subject to this General Permit if they can certify that the following minimum conditions at their facilities are met:

1. All prohibited non-storm water discharges have been eliminated or otherwise permitted.

2. All areas of past exposure have been inspected and cleaned, as appropriate.

3. All materials related to industrial activity (including waste materials) are not exposed to storm water or authorized non-storm water discharges.

4. All industrial activities and industrial equipment are not exposed to storm water or authorized non-storm water discharges.

5. There is no exposure of materials associated with industrial activity through other direct or indirect pathways such as particulates from stacks and exhaust systems.

6. There is periodic re-evaluation of the facility to ensure Conditions 1, 3, 4, and 5 are continuously met.

Currently, facility operators that can certify that the above conditions are met are not required to notify the State Water

Board or Regional Water Board. These facility operators are advised to retain such certification documentation on site.

The Ninth Circuit Court of Appeals invalidated the exemption granted by U.S. EPA for storm water discharges from facilities in Category 11 that do not have exposure and remanded the regulation to U.S. EPA for further action. The State Water Board, at this time, is not requiring storm water discharges from facilities in Category 11 that do not have exposure to be covered by this General Permit. Instead, the State Water Board will await future U.S. EPA or court action clarifying the types of storm water discharges that must be permitted. If necessary, the State Water Board will reopen the General Permit to accommodate such a clarification.

Section 1068 of the Intermodel Surface Transportation Act of 1991 exempts municipal agencies serving populations of less than 100,000 from Phase I permit requirements for most facilities they operate (uncontrolled sanitary landfills, power plants, and airports are still required to be permitted in Phase I). Phase II of the Permit Program scheduled to begin August 7, 2001 will cover the facilities that are exempt from Phase I permit requirements.

TYPES OF DISCHARGES NOT COVERED BY THIS GENERAL PERMIT

1. CONSTRUCTION ACTIVITY: Discharges from construction activity of five acres or more, including clearing, grading, and excavation. A separate general permit was adopted on August 20, 1992 for this industrial category.

2. FACILITIES WHICH HAVE NPDES PERMITS CONTAINING STORM WATER PROVISIONS: Some storm water discharges may be regulated by other individual or general NPDES permits issued by the State Water Board or the Regional Water Boards. These discharges shall not be regulated by this General Permit. When the individual or general NPDES permits for such discharges expire, the State Water Board or Regional Water Board may authorize coverage under this General Permit or another general NPDES permit, or may issue a new individual NPDES permit consistent with the Federal and State storm water regulations. Interested parties may petition the State Water Board or appropriate Regional Water Board to issue individual or General NPDES Permits. General Permits may be issued for a particular industrial group or watershed area.

3. FACILITIES DETERMINED INELIGIBLE BY REGIONAL WATER BOARDS: Regional Water Boards may determine that discharges from a facility or groups of facilities, otherwise eligible for coverage under this General Permit, have potential water quality impacts that may not be appropriately addressed by

   this General Permit. In such cases, a Regional Water Board may require such discharges to be covered by an individual or general NPDES permit.

Interested persons may petition the appropriate Regional Water Board to issue individual NPDES permits. The applicability of this General Permit to such discharges will be terminated upon adoption of an individual NPDES permit or a different general NPDES permit.

4. FACILITIES WHICH DO NOT DISCHARGE STORM WATER TO WATERS OF THE UNITED STATES: The discharges from the following facilities are not required to be permitted:

   a. FACILITIES THAT DISCHARGE STORM WATER TO MUNICIPAL SANITARY SEWER SYSTEMS: Facilities that discharge storm water to municipal sanitary sewer systems or combined sewer systems are not required by Federal regulations to be covered by an NPDES storm water permit or to submit an NOI to comply with this General Permit. (It should be noted that many municipalities have sewer use ordinances that prohibit storm drain connections to their sanitary sewers.)

   b. FACILITIES THAT DO NOT DISCHARGE STORM WATER TO SURFACE WATERS OR SEPARATE STORM SEWERS: Storm water that is captured and treated and/or disposed of with the facility's NPDES permitted process wastewater and storm water that is disposed of to evaporation ponds, percolation ponds, or combined sewer systems are not required to obtain a storm water permit. To avoid liability, the facility operator should be certain that no discharge of storm water to surface waters will occur under any circumstances.

5. MOST SILVICULTURAL ACTIVITIES: Storm water discharges from most silvicultural activities such as thinning, harvesting operations, surface drainage, or road construction and maintenance are exempt from this permit. Log sorting or log storage facilities that fall within SIC 2411 are required to be permitted.

6. MINING AND OIL AND GAS FACILITIES: Oil and gas facilities that have not released storm water resulting in a discharge of a reportable quantity (RQ) for which notification is or was required pursuant to 40 CFR Parts 110, 117, and 302 at any time after November 19, 1987 are not required to be permitted unless the industrial storm water discharge contributed to a violation of a water quality standard. Mining facilities that discharge storm water that does not come into contact with any overburden, raw materials, intermediate product, finished product, by-product, or waste product located at the facility are not required to be permitted. These facilities must be permitted if they have a new release of storm water resulting in a discharge of an RQ.

7. FACILITIES ON INDIAN LANDS: Discharges from facilities on Indian lands will be regulated by the U.S. EPA.

NOTIFICATION REQUIREMENTS

Storm water discharges from facilities described in the section titled "Types of Storm Water Discharges Covered by This General Permit" must be covered by an NPDES permit. An NOI must be submitted by the facility operator for each individual facility to obtain coverage. Certification of the NOI signifies that the facility operator intends to comply with the provisions of the General Permit. Facility operators who have filed NOIs for the State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12-DWQ) or San Francisco Bay Regional Water Board Order No. 92-011 (as amended by Order No. 92-116) will be sent an abbreviated NOI soon after adopting this General Permit that must be completed and returned within 45

days of receipt. Where operations have discontinued and significant materials remain on site (such as at closed landfills), the landowner may be responsible for filing an NOI and complying with this General Permit. A landowner may also file an NOI for a facility if the landowner, rather than the facility operator(s), is responsible for compliance with this General Permit.

A facility operator that does not submit an NOI for a facility must submit an application for an individual NPDES permit. U.S. EPA's regulations [40 CFR 122.21 (a)] exclude facility operators covered by a general permit from requirements to submit an individual permit application unless required by the Regional Water Board. The NOI requirements of this General Permit are intended to establish a mechanism which can be used to establish a clear accounting of the number of facility operators complying with the General Permit, their identities, the nature of operations at the facilities, and location.

All facility operators filing an NOI after the adoption of this General Permit must comply with this General Permit. Existing facility operators who have filed NOIs prior to the adoption of this General Permit shall continue to complete the requirements of the previous General Permit through June 30, 1997 including submitting annual reports to the Regional Water Boards by July 1, 1997. Group Leaders are required to submit an 1996-97 Group Evaluation Report by August 1, 1997.

DESCRIPTION OF GENERAL PERMIT CONDITIONS

Prohibitions

This General Permit authorizes storm water and authorized non-storm water discharges from facilities that are required to be covered by a storm water permit. This General Permit prohibits discharges of material other than storm water (non-storm water discharges) that are not authorized by the General Permit and discharges containing hazardous substances in storm water in excess of reportable quantities established at 40 CFR 117.3 and 40 CFR 302.4. Authorized non-storm water discharges are addressed in the Special Conditions of the General Permit.

Effluent Limitations

NPDES Permits for storm water discharges must meet all applicable provisions of Sections 301 and 402 of the CWA. These provisions require control of pollutant discharges using best available technology economically achievable (BAT) and best conventional pollutant control technology (BCT) to prevent and reduce pollutants and any more stringent controls necessary to meet water quality standards.

U.S. EPA regulations (40 CFR Subchapter N) establish effluent limitation guidelines for storm water discharges from facilities in ten industrial categories. For these facilities, compliance with the effluent limitation guidelines constitutes compliance with BAT and BCT for the specified pollutants and must be met to comply with this General Permit.

For storm water discharges from facilities not among the ten industrial categories listed in 40 CFR Subchapter N, it is not feasible at this time to establish numeric effluent limitations. The reasons why establishment of numeric effluent limitations is not feasible are discussed in detail in State Water Board Orders No. WQ 91-03 and WQ 91-04. Therefore, this General Permit allows the facility operator to implement best management practices (BMPs) to comply with the requirements of this General Permit. This approach is

consistent with the U.S. EPA's August 1, 1996 "Interim Permitting Approach for Water Quality Based Effluent Limitations in Storm Water Permits".

Receiving Water Limitations

Storm water discharges shall not cause or contribute to a violation of an applicable water quality standard. The General Permit requires facility operators to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges through the development and implementation of BMPs which constitutes compliance with BAT and BCT and, in most cases, compliance with water quality standards. If receiving water quality standards are exceeded, facility operators are required to submit a written report providing additional BMPs that will be implemented to achieve water quality standards.

Storm Water Pollution Prevention Plans (SWPPPs)

All facility operators must prepare, retain on site, and implement an SWPPP. The SWPPP has two major objectives: (1) to help identify the sources of pollution that affect the quality of industrial storm water discharges and authorized non-storm water discharges, and (2) to describe and ensure the implementation of BMPs to reduce or prevent pollutants in industrial storm water discharges and authorized non-storm water discharges.

This General Permit requires development and implementation of an SWPPP emphasizing BMPs. This approach provides the flexibility necessary to establish appropriate BMPs for different types of industrial activities and pollutant sources. As this General Permit covers vastly different types of facilities, the State Water Board recognizes that there is no single best way of developing or organizing an SWPPP. The SWPPP requirements contain the essential elements that all facility operators must consider and address in the SWPPP. This General Permit's SWPPP requirements are more detailed than the previous general permit's SWPPP requirements, and the suggested order of the SWPPP elements have been rearranged (1) to correspond more closely with other storm water permits in effect throughout the country, and (2) to generally follow a more logical path. Facility operators that have already developed and implemented SWPPPs under previous general permits are required to review the SWPPP's requirements contained in this General Permit and then review their existing SWPPP for adequacy. If the existing SWPPP adequately identifies and assesses all potential sources of pollutants and describes the appropriate BMPs necessary to reduce or prevent pollutants, the facility operator is not required to revise the existing SWPPP.

One of the major elements of the SWPPP is the elimination of unauthorized non-storm water discharges to the facility's storm drain system. Unauthorized non-storm water discharges can be generated from a wide variety of potential pollutant sources. They include waters from the rinsing or washing of vehicles, equipment, buildings, or pavement; materials that have been improperly disposed of or dumped, and spilled; or leaked materials. Unauthorized non-storm water discharges can contribute a significant pollutant load to receiving waters. Measures to control spills, leakage, and dumping can often be addressed through BMPs. Unauthorized non-storm water discharges may enter the storm drain system via conveyances such as floor drains. All conveyances should be evaluated to determine whether they convey unauthorized non-storm water discharges to the storm drain system. Unauthorized non-storm water discharges (even when commingled with storm water) shall be eliminated or covered by a separate NPDES Permit.

There are many non-storm water discharges that, under certain conditions, should not contain pollutants associated with industrial activity (i.e., air

conditioning condensate, potable water line testing, landscaping overflow, etc.). Item D, Special Conditions, provides the conditions where certain listed non-storm water discharges are authorized by this General Permit.

Monitoring Program

The General Permit requires development and implementation of a monitoring program. The objectives of the monitoring program are to (1) demonstrate compliance with the General Permit, (2) aid in the implementation of the SWPPP, and (3) measure the effectiveness of the BMPs in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges.

All facility operators (with the exception of inactive mining operations) are required to:

1. Perform visual observations of storm water discharges and authorized storm water discharges.

2. Collect and analyze samples of storm water discharges. Analysis must include pH, total suspended solids (TSS), total organic carbon (TOC), specific conductance, toxic chemicals, and other pollutants which are likely to be present in storm water discharges in significant quantities, and those parameters listed in Table D of this General Permit. The Table D parameters are those listed in the U.S. EPA Multi-Sector General Permit. Facility operators subject to Federal storm water effluent limitation guidelines in 40 CFR Subchapter N must also sample and analyze for any pollutant specified in the appropriate category of 40 CFR Subchapter N.

Facility operators are not required to collect samples or perform visual observations during adverse climatic conditions. Sample collection and visual observations are required only during scheduled facility operating hours. Visual observations are required only during daylight hours. Facility operators that are unable to collect any of the required samples or visual observations because of the above circumstances must provide documentation to the Regional Water Board in their annual report.

Facility operators may be exempt from performing sampling and analysis if they: (1) do not have areas of industrial activity exposed to storm water, (2) receive an exemption from a local agency which has jurisdiction over the storm sewer system, or (3) receive an exemption from the appropriate Regional Water
Board. Facility operators must always perform sampling and analysis for any pollutant specified in storm water effluent limitation guidelines.

This General Permit contains a new procedure where facility operators, if they meet certain minimum conditions, may certify compliance with the General Permit and reduce the number of sampling events required to be sampled for the remaining term of the General Permit. Each Regional Water Board may develop instructions, guidance, and checklists to assist facility operators to complete sampling reduction requests.

Local agencies that wish to provide sampling and analysis exemptions or reductions to facility operators within their jurisdiction shall develop a certification program that clearly indicates the certification procedures and criteria used by the local agency. At a minimum, these programs should include site inspections, a review of the facility operator's SWPPP, and a review of other records such as monitoring data, receiving water data, etc. The certification program shall be approved by the local Regional Water Board prior to implementation.

Alternative Monitoring

Facility operators are required to develop a facility-specific monitoring program that satisfies both the minimum monitoring program requirements and the objectives of the monitoring program. Some facility operators have indicated that cost-effective alternative monitoring programs can be developed that provide equivalent or more accurate indicators of pollutants and/or BMP performance than a monitoring program based upon the minimum monitoring program requirements. An example of such an alternative monitoring program would be one that identifies sample locations at or near pollutant sources rather than sampling an entire drainage area where the storm water discharge has been diluted with storm water from areas with little or no industrial activity.

The State Water Board does not want to preclude facility operators from developing better, and perhaps more cost-effective, monitoring programs. This General Permit allows facility operators to submit alternative monitoring programs for approval by the Regional Water Board. For individual facilities, these proposals must be facility specific and demonstrate how the alternative monitoring program will result in an equivalent or more accurate indicator of pollutants and/or BMP effectiveness. Facility operators with similar industrial activities may also propose alternative monitoring programs for approval by the Regional Water Boards. These proposals must demonstrate how the alternative monitoring program will result in an equivalent or more accurate indicator of pollutants and/or BMP effectiveness for all of the participating facilities.

Facility operators shall continue to comply with the existing monitoring program requirements until receiving approval by the Regional Water Board.

Group Monitoring

Each facility operator may either perform sampling and analysis individually or participate in a group monitoring program. A group monitoring program may be developed either by a group leader representing a group of similar facilities or by a local agency which holds a storm water permit for a municipal separate storm sewer system for industrial facilities within its jurisdiction. The group leader or local agency responsible for the group monitoring program must schedule all participating facilities to sample two storm events over the life of this General Permit. Facility operators subject to Federal effluent limitations guidelines in 40 CFR Subchapter N must individually sample and analyze for pollutants listed in the appropriate Federal regulations.

Participants within a group may be located within the jurisdiction of more than one Regional Water Board. Multi-Regional Water Board groups must receive the approval of the State Water Board Executive Director (with the concurrence of the appropriate Regional Water Boards).

Each group leader or local agency responsible for group sampling must: (1) provide guidance or training so that the monitoring is done correctly, (2) recommend appropriate BMPs to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges from group participants, (3) evaluate and report the monitoring data to the State Water Board and/or the appropriate Regional Water Board(s), and (4) conduct two on-site inspections at each facility over the five year term of this General Permit to evaluate facility compliance and recommend BMPs to achieve compliance with this General Permit. The group leader or local agency may designate, hire, or train inspectors to conduct these inspections that are or are not directly

affiliated with the group leader or local agency. It is the group leader's or local agency's responsibility to select inspectors that are capable of evaluating each facility's compliance with the General Permit and can recommend appropriate BMPs. All group monitoring plans are subject to State Water Board and/or Regional Water Board(s) review. Consistent with the four-tier permitting strategy described in the Federal regulations, the Regional Water Board(s) may evaluate the data and results from group monitoring to establish future permitting decisions. As appropriate, the State Water Board and/or the Regional Water Board(s) may terminate or require substantial amendment to the group monitoring plans. The State Water Board and/or the Regional Water Board(s) may terminate a facility's participation in group monitoring or require additional monitoring activities.

Retention of Records

The facility operator is required to retain records of all monitoring information, copies of all reports required by this General Permit, and records of all data used to complete the NOI for a period of five years from the date of measurement, report, or monitoring activity. This period may be extended by the State and/or Regional Water Boards. All records are public documents and must be provided to the Regional Water Boards on request.

Watershed Management

The State and Regional Water Boards are undertaking a focussed effort in watershed management throughout the State. In reissuing this General Permit, the State Water Board recognizes both the evolving nature of watershed management and the long-term desirability of structuring monitoring programs to support the Watershed Management Initiative. Therefore, the amended monitoring and reporting provisions provide flexibility for individual facility operators or groups of facility operators to propose and participate in, subject to Regional Water Board approval, watershed monitoring programs in lieu of some or all of the monitoring requirements contained in this General Permit.

Facility Operator Compliance Responsibilities

This General Permit has been written to encourage individual facility operators to develop their own SWPPP and monitoring programs. Many facility operators, however, choose to obtain compliance assistance either by hiring a consultant on an individual basis or by participating in a group monitoring plan. Regardless of how a facility operator chooses to pursue compliance, it is the facility operator that is responsible for compliance with this General Permit.

The State Water Board recognizes that industrial activities and operating conditions at many facilities change over time. In addition, new and more effective BMPs are being developed by various facility operators and by industrial groups. The SWPPP and monitoring program requirements include various inspections, reviews, and observations all of which recognize, encourage, and mandate an iterative self-evaluation process that is necessary to consistently comply with this General Permit. In general, facility operators that develop and implement SWPPPs that comply with this General Permit should not be penalized when discovering minor violations through this iterative self-evaluation process. The General Permit provides facility operators up to 90 days to revise and implement the SWPPP to correct such violations.

STATE WATER RESOURCES CONTROL BOARD (STATE WATER BOARD)
WATER QUALITY ORDER NO. 97-03-DWQ
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
GENERAL PERMIT NO. CAS000001 (GENERAL PERMIT)

WASTE DISCHARGE REQUIREMENTS (WDRS)
FOR
DISCHARGES OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES
EXCLUDING CONSTRUCTION ACTIVITIES

The State Water Board finds that:

1. Federal regulations for storm water discharges were issued by the U.S. Environmental Protection Agency (U.S. EPA) on November 16, 1990 (40 Code of Federal Regulations [CFR] Parts 122, 123, and 124). The regulations require operators of specific categories of facilities where discharges of storm water associated with industrial activity (storm water) occur to obtain an NPDES permit and to implement Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) to reduce or prevent pollutants associated with industrial activity in storm water discharges and authorized non-storm discharges.

2. This General Permit shall regulate storm water discharges and authorized non-storm water discharges from specific categories of industrial facilities identified in Attachment 1, storm water discharges and authorized non-storm water discharges from facilities as designated by the Regional Water Quality Control Boards (Regional Water Boards), and storm water discharges and authorized non-storm water discharges from other facilities seeking General Permit coverage. This General Permit may also regulate storm water discharges and authorized non-storm water discharges from facilities as required by U.S. EPA regulations. This General Permit shall regulate storm water discharges and authorized non-storm water discharges previously regulated by San Francisco Bay Regional Water Board Order, No.92-11 (as amended by Order No. 92-116). This General Permit excludes storm water discharges and non-storm water discharges that are regulated by other individual or general NPDES permits, storm water discharges and non-storm water discharges from construction activities, and storm water discharges and non-storm water discharges excluded by the Regional Water Boards for coverage by this General Permit. Attachment 2 contains the addresses and telephone numbers of each Regional Water Board office.

3. To obtain coverage for storm water discharges and authorized non-storm water discharges pursuant to this General Permit, operators of facilities (facility operators) must submit a Notice of Intent (NOI), in accordance with the Attachment 3

instructions, and appropriate annual fee to the State Water Board. This includes facility operators that have participated in U.S. EPA's group application process.

4. This General Permit does not preempt or supersede the authority of local agencies to prohibit, restrict, or control storm water discharges and authorized non-storm water discharges to storm drain systems or other water-courses within their jurisdictions as allowed by State and Federal law.

5. If an individual NPDES permit is issued to a facility operator otherwise subject to this General Permit or an alternative NPDES general permit is subsequently adopted which covers storm water discharges and/or authorized non-storm water discharges regulated by this General Permit, the applicability of this General Permit to such discharges is automatically terminated on the effective date of the individual NPDES permit or the date of approval for coverage under the subsequent NPDES general permit.

6. Effluent limitations and toxic and effluent standards established in Sections 208(b), 301, 302, 303(d), 304, 306, 307, and 403 of the Federal Clean Water Act (CWA), as amended, are applicable to storm water discharges and authorized non-storm water discharges regulated by this General Permit.

7. This action to adopt an NPDES general permit is exempt from the provisions of the California Environmental Quality Act (Public Resources Code Section 21100, et seq.) in accordance with Section 13389 of the California Water Code.

8. Federal regulations (40 CFR Subchapter N) establish effluent limitations guidelines for storm water discharges from some facilities in ten industrial categories.

9. For facilities which do not have established effluent limitation guidelines for storm water discharges in 40 CFR Subchapter N, it is not feasible at this time to establish numeric effluent limitations. This is due to the large number of discharges and the complex nature of storm water discharges. This is also consistent with the U.S. EPA's August 1, 1996 "Interim Permitting Approach for Water Quality Based Effluent Limitations in Storm Water Permits."

10. Facility operators are required to comply with the terms and conditions of this General Permit. Compliance with the terms and conditions of this General Permit constitutes compliance with BAT/BCT requirements and with requirements to achieve water quality standards. This includes the development and implementation of an effective Storm Water Pollution Prevention Plan (SWPPP) to reduce or prevent pollutants associated with industrial activity in storm water discharges and authorized non-storm water discharges.

11. Best Management Practices (BMPs) to reduce or prevent pollutants associated with industrial activity in storm water discharges and authorized non-storm water discharges are appropriate where numeric effluent limitations are infeasible, and the implementation of BMPs is adequate to achieve compliance with BAT/BCT and with water quality standards.

12. The State Water Board has adopted a Watershed Management Initiative that encourages watershed management throughout the State. This General Permit recognizes the Watershed Management Initiative by supporting the development of watershed monitoring programs authorized by the Regional Water Boards.

13. Following adoption of this General Permit, the Regional Water Boards shall enforce its provisions.

14. Following public notice in accordance with State and Federal laws and regulations, the State Water Board held a public hearing on November 12,

1996 and heard and considered all comments pertaining to this General Permit. A response to all significant comments has been prepared and is available for public review.

15. This Order is an NPDES General Permit in compliance with Section 402 of the CWA and shall take effect upon adoption by the State Water Board.

16. All terms that are defined in the CWA, U.S. EPA storm water regulations and the Porter-Cologne Water Quality Control Act will have the same definition in this General Permit unless otherwise stated.

IT IS HEREBY ORDERED that all facility operators required to be regulated by this General Permit shall comply with the following:

A. DISCHARGE PROHIBITIONS:

1. Except as allowed in Special Conditions (D.1.) of this General Permit, materials other than storm water (non-storm water discharges) that discharge either directly or indirectly to waters of the United States are prohibited. Prohibited non-storm water discharges must be either eliminated or permitted by a separate NPDES permit.

2. Storm water discharges and authorized non-storm water discharges shall not cause or threaten to cause pollution, contamination, or nuisance.

B. EFFLUENT LIMITATIONS:

1. Storm water discharges from facilities subject to storm water effluent limitation guidelines in Federal regulations (40 CFR Subchapter N) shall not exceed the specified effluent limitations.

2. Storm water discharges and authorized non-storm water discharges regulated by this General Permit shall not contain a hazardous substance equal to or in excess of a reportable quantity listed in 40 CFR Part 117 and/or 40 CFR Part 302.

3. Facility operators covered by this General Permit must reduce or prevent pollutants associated with industrial activity in storm water discharges and authorized non-storm water discharges through implementation of BAT for toxic and non-conventional pollutants and BCT for conventional pollutants. Development and implementation of an SWPPP that complies with the requirements in Section A of the General Permit and that includes BMPs that achieve BAT/BCT constitutes compliance with this requirement.

C. RECEIVING WATER LIMITATIONS:

1. Storm water discharges and authorized non-storm water discharges to any surface or ground water shall not adversely impact human health or the environment.

2. Storm water discharges and authorized non-storm water discharges shall not cause or contribute to an exceedance of any applicable water quality standards contained in a Statewide Water Quality Control Plan or the applicable Regional Water Board's Basin Plan.

3. A facility operator will not be in violation of Receiving Water Limitation C.2. as long as the facility operator has implemented BMPs that achieve BAT/BCT and the following procedure is followed:

a. The facility operator shall submit a report to the appropriate Regional Water Board that describes the BMPs that are currently being implemented and additional BMPs that will be implemented to prevent or reduce any pollutants that are causing or contributing to the exceedance of water quality standards. The report shall include an implementation schedule. The Regional Water Board may require modifications to the report.

b. Following approval of the report described above by the Regional Water Board, the facility operator shall revise its SWPPP and monitoring program to incorporate the additional BMPs that have been and will be implemented, the implementation schedule, and any additional monitoring required.

4. A facility operator shall be in violation of this General Permit if he/she fails to do any of the following:

a. Submit the report described above within 60 days after either the facility operator or the Regional Water Board determines that discharges are causing or contributing to an exceedance of an applicable water quality standard;

b. Submit a report that is approved by the Regional Water Board; or

c. Revise its SWPPP and monitoring program as required by the approved report.

D. SPECIAL CONDITIONS

1. Non-Storm Water Discharges

a. The following non-storm water discharges are authorized by this General Permit provided that they satisfy the conditions specified in Paragraph b. below: fire hydrant flushing; potable water sources, including potable water related to the operation, maintenance, or testing of potable water systems; drinking fountain water; atmospheric condensates including refrigeration, air conditioning, and compressor condensate; irrigation drainage; landscape watering; springs; ground water; foundation or footing drainage; and sea water infiltration where the sea waters are discharged back into the sea water source.

b. The non-storm water discharges as provided in Paragraph a. above are authorized by this General Permit if all the following conditions are met:

i. The non-storm water discharges are in compliance with Regional Water Board requirements.

ii. The non-storm water discharges are in compliance with local agency ordinances and/or requirements.

iii. BMPs are specifically included in the SWPPP to (1) prevent or reduce the contact of non-storm water discharges with significant materials or equipment and (2)

minimize, to the extent practicable, the flow or volume of non-storm water discharges.

iv. The non-storm water discharges do not contain significant quantities of pollutants.

v. The monitoring program includes quarterly visual observations of each non-storm water discharge and its sources to ensure that BMPs are being implemented and are effective.

vi. The non-storm water discharges are reported and described annually as part of the annual report.

c. The Regional Water Board or its designee may establish additional monitoring programs and reporting requirements for any non-storm water discharge authorized by this General Permit.

d. Discharges from firefighting activities are authorized by this General Permit and are not subject to the conditions of Paragraph b. above.

E. PROVISIONS

1. All facility operators seeking coverage by this General Permit must submit an NOI for each of the facilities they operate. Facility operators filing an NOI after the adoption of this General Permit shall use the NOI form and instructions (Attachment 3) attached to this General Permit. Existing facility operators who have filed an NOI pursuant to State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12-DWQ) or San Francisco Bay Regional Water Board Order No. 92-11 (as amended by Order No. 92-116) shall submit an abbreviated NOI form provided by the State Water Board. The abbreviated NOI form shall be submitted within 45 days of receipt.

2. Facility operators who have filed an NOI, pursuant to State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12-DWQ) or San Francisco Bay Regional Water Board Order No. 92-11 (as amended by Order No. 92-116), shall continue to implement their existing SWPPP and shall implement any necessary revisions to their SWPPP in accordance with Section A of this General Permit in a timely manner, but in no case later than August 1, 1997. Facility operators beginning industrial activities after adoption of this General Permit must develop and implement an SWPPP in accordance with Section A of this General Permit when the industrial activities begin.

3. Facility operators who have filed an NOI, pursuant to State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12-DWQ) or San Francisco Bay Regional Water Board Order No. 92-11 (as amended by Order No. 92-116), shall continue to implement their existing Monitoring Program and shall implement any necessary revisions to their Monitoring Program in accordance with Section B of the General Permit in a timely manner, but in no case later than August 1, 1997. Facility operators beginning industrial activities after adoption of this General Permit must develop and implement a Monitoring Program in accordance with Section B of this General Permit when industrial activities begin.

4. Facility operators of feedlots as defined in 40 CFR Part 412 that are in full compliance with Section 2560 to Section 2565, Title 23, California Code of Regulations (Chapter 15) will be in compliance with all effluent limitations and prohibitions contained in this General Permit. Facility operators of feedlots that comply with Chapter 15, however, must perform monitoring in compliance with the requirements of Section B.4.d. and B.14. of this General Permit. Facility operators of feedlots must also comply with any Regional Water Board WDRs or NPDES general permit regulating their storm water discharges.

5. All facility operators must comply with lawful requirements of municipalities, counties, drainage districts, and other local agencies regarding storm water discharges and non-storm water discharges entering storm drain systems or other watercourses under their jurisdiction, including applicable requirements in municipal storm water management programs developed to comply with NPDES permits issued by the Regional Water Boards to local agencies.

6. All facility operators must comply with the standard provisions and reporting requirements for each facility covered by this General Permit contained in Section C, Standard Provisions.

7. Facility operators that operate facilities with co-located industrial activities (facilities that have industrial activities that meet more than one of the descriptions in Attachment 1) that are contiguous to one another are authorized to file a single NOI to comply with the General Permit. Storm water discharges and authorized non-storm water discharges from the co-located industrial activities are authorized provided that the SWPPP and Monitoring Program addresses each co-located industrial activity.

8. Upon reissuance of a successor NPDES general permit by the State Water Board, the facility operators subject to this reissued General Permit may be required to file an NOI.

9. Facility operators may request to terminate their coverage under this General Permit by filing a Notice of Termination (NOT) with the Regional Water Board. The NOT shall provide all documentation requested by the Regional Water Board. The facility operator will be notified when the NOT has been approved. Should the NOT be denied, facility operators are responsible for continued compliance with the requirements of this General Permit.

10. Facility operators who have filed an NOI, pursuant to State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12) or San Francisco Bay Regional Water Board Order No. 92-11 (as amended by Order No. 92-116) shall:

    a. Complete the 1996-97 activities required by those general permits. These include, but are not limited to, conducting any remaining visual observations, sample collection, annual site inspection, annual report submittal, and (for group monitoring leaders) Group Evaluation Reports; and

    b. Comply with the requirements of this General Permit no later than August 1, 1997.

11. If the Regional Water Board determines that a discharge may be causing or contributing to an exceedance of any applicable water quality standards contained in a Statewide Water Quality Control Plan or the applicable Regional Water Board's Basin Plan, the Regional Water Board may order the facility operator to comply with the requirements described in Receiving Water Limitation C.3. The facility operator shall comply with the requirements within the time schedule established by the Regional Water Board.

12. If the facility operator determines that its storm water discharges or authorized non-storm water discharges are causing or contributing to an exceedance of any applicable water quality standards, the facility operator shall comply with the requirements described in Receiving Water Limitation C.3.

13. State Water Board Order No. 91-013-DWQ (as amended by Order No. 92-12-DWQ) and San Francisco Bay Regional Water Board Order No. 91-011 (as amended by Order No. 92-116) are hereby rescinded.

F. REGIONAL WATER BOARD AUTHORITIES

1. Following adoption of this General Permit, Regional Water Boards shall:

   a. Implement the provisions of this General Permit, including, but not limited to, reviewing SWPPPs, reviewing annual reports, conducting compliance inspections, and taking enforcement actions.

   b. Issue other NPDES general permits or individual NPDES storm water permits as they deem appropriate to individual facility operators, facility operators of specific categories of industrial activities, or facility operators in a watershed or geographic area. Upon issuance of such NPDES permits by a Regional Water Board, the affected facility operator shall no longer be regulated by this General Permit. Any new NPDES permit issued by the Regional Water Board may contain different requirements than the requirements of this General Permit.

2. Regional Water Boards may provide guidance to facility operators on the SWPPP and the Monitoring Program and reporting implementation.

3. Regional Water Boards may require facility operators to conduct additional SWPPP and Monitoring Program and reporting activities necessary to achieve compliance with this General Permit.

4. Regional Water Boards may approve requests from facility operators whose facilities include co-located industrial activities that are not contiguous within the facilities (e.g., some military bases) to comply with this General Permit under a single NOI. Storm water discharges and authorized non-storm water discharges from the co-located industrial activities and from other sources within the facility that may generate significant quantities of pollutants are authorized provided the SWPPP and Monitoring Program addresses each co-located industrial activity and other sources that may generate significant quantities of pollutants.

CERTIFICATION

The undersigned, Administrative Assistant to the State Water Board, does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the State Water Resources Control Board held on April 17, 1997.

AYE: John P. Caffrey
John W. Brown
James M. Stubchaer
Marc Del Piero
Mary Jane Forster

NO: None

ABSENT: None

ABSTAIN: None

_____
Maureen Marché
Administrative Assistant to the Board

SECTION A: STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS

1. *Implementation Schedule*

A storm water pollution prevention plan (SWPPP) shall be developed and implemented for each facility covered by this General Permit in accordance with the following schedule.

a. Facility operators beginning industrial activities before October 1, 1992 shall develop and implement the SWPPP no later than October 1, 1992. Facility operators beginning industrial activities after October 1, 1992 shall develop and implement the SWPPP when industrial activities begin.

b. Existing facility operators that submitted a Notice of Intent (NOI), pursuant to State Water Resources Control Board (State Water Board) Order No. 91-013-DWQ (as amended by Order No. 92-12) or San Francisco Bay Regional Water Quality Control Board (Regional Water Board) Order No. 92-11 (as amended by Order No. 92-116), shall continue to implement their existing SWPPP and shall implement any necessary revisions to their SWPPP in a timely manner, but in no case later than August 1, 1997.

2. *Objectives*

The SWPPP has two major objectives: (a) to identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-storm water discharges from the facility; and (b) to identify and implement site- specific best management practices (BMPs) to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges. BMPs may include a variety of pollution prevention measures or other low-cost and pollution control measures. They are generally categorized as non-structural BMPs (activity schedules, prohibitions of practices, maintenance procedures, and other low-cost measures) and as structural BMPs (treatment measures, run-off controls, over-head coverage.) To achieve these objectives, facility operators should consider the five phase process for SWPPP development and implementation as shown in Table A.

The SWPPP requirements are designed to be sufficiently flexible to meet the needs of various facilities. SWPPP requirements that are not applicable to a facility should not be included in the SWPPP. A facility's SWPPP is a written document that shall contain a compliance activity schedule, a description of industrial activities and pollutant sources, descriptions of BMPs, drawings, maps, and relevant copies or references of parts of other plans. The SWPPP shall be revised whenever appropriate and shall be readily available for review by facility employees or Regional Water Board inspectors.

TABLE A
FIVE PHASES FOR DEVELOPING AND IMPLEMENTING INDUSTRIAL STORM WATER POLLUTION PREVENTION PLANS

PLANNING AND ORGANIZATION

*Form Pollution Prevention Team
*Review other plans

↓

ASSESSMENT PHASE

*Develop a site map
*Identify potential pollutant sources
*Inventory of materials and chemicals
*List significant spills and leaks
*Identify non-storm water discharges
*Assess pollutant Risks

↓

BEST MANAGEMENT PRACTICES IDENTIFICATION PHASE

*Non-structural BMPs
*Structural BMPs
*Select activity and site-specific BMPs

↓

IMPLEMENTATION PHASE

*Train employees
*Implement BMPs
*Conduct recordkeeping and reporting

↓

EVALUATION / MONITORING

*Conduct annual site evaluation
*Review monitoring information
*Evaluate BMPs
*Review and revise SWPPP

3. *Planning and Organization*

a. *Pollution Prevention Team*

The SWPPP shall identify a specific individual or individuals and their positions within the facility organization as members of a storm water pollution prevention team responsible for developing the SWPPP, assisting the facility manager in SWPPP implementation and revision, and conducting all monitoring program activities required in Section B of this General Permit. The SWPPP shall clearly identify the General Permit related responsibilities, duties, and activities of each team member. For small facilities, storm water pollution prevention teams may consist of one individual where appropriate.

b. *Review Other Requirements and Existing Facility Plans*

The SWPPP may incorporate or reference the appropriate elements of other regulatory requirements. Facility operators should review all local, State, and Federal requirements that impact, complement, or are consistent with the requirements of this General Permit. Facility operators should identify any existing facility plans that contain storm water pollutant control measures or relate to the requirements of this General Permit. As examples, facility operators whose facilities are subject to Federal Spill Prevention Control and Countermeasures' requirements should already have instituted a plan to control spills of certain hazardous materials. Similarly, facility operators whose facilities are subject to air quality related permits and regulations may already have evaluated industrial activities that generate dust or particulates.

4. *Site Map*

The SWPPP shall include a site map. The site map shall be provided on an 8-½ x 11 inch or larger sheet and include notes, legends, and other data as appropriate to ensure that the site map is clear and understandable. If necessary, facility operators may provide the required information on multiple site maps.

The following information shall be included on the site map:

a. The facility boundaries; the outline of all storm water drainage areas within the facility boundaries; portions of the drainage area impacted by run-on from surrounding areas; and direction of flow of each drainage area, on-site surface water bodies, and areas of soil erosion. The map shall also identify nearby water bodies (such as rivers, lakes, ponds) and municipal storm drain inlets where the facility's storm water discharges and authorized non-storm water discharges may be received.

b. The location of the storm water collection and conveyance system, associated points of discharge, and direction of flow. Include any structural control measures that affect storm water discharges, authorized non-storm water discharges, and run-on. Examples of structural control measures are catch basins, berms, detention ponds, secondary containment, oil/water separators, diversion barriers, etc.

c. An outline of all impervious areas of the facility, including paved areas, buildings, covered storage areas, or other roofed structures.

d. Locations where materials are directly exposed to precipitation and the locations where significant spills or leaks identified in Section A.6.a.iv. below have occurred.

e. Areas of industrial activity. This shall include the locations of all storage areas and storage tanks, shipping and receiving areas, fueling areas, vehicle and equipment storage/maintenance areas, material handling and processing areas, waste treatment and disposal areas, dust or particulate generating areas, cleaning and rinsing areas, and other areas of industrial activity which are potential pollutant sources.

5. *List of Significant Materials*

The SWPPP shall include a list of significant materials handled and stored at the site. For each material on the list, describe the locations where the material is being stored, received, shipped, and handled, as well as the typical quantities and frequency. Materials shall include raw materials, intermediate products, final or finished products, recycled materials, and waste or disposed materials.

6. *Description of Potential Pollutant Sources*

a. The SWPPP shall include a narrative description of the facility's industrial activities, as identified in Section A.4.e above, associated potential pollutant sources, and potential pollutants that could be discharged in storm water discharges or authorized non-storm water discharges. At a minimum, the following items related to a facility's industrial activities shall be considered:

i. Industrial Processes

Describe each industrial process, the type, characteristics, and quantity of significant materials used in or resulting from the process, and a description of the manufacturing, cleaning, rinsing, recycling, disposal, or other activities related to the process. Where applicable, areas protected by containment structures and the corresponding containment capacity shall be described.

ii. Material Handling and Storage Areas

Describe each handling and storage area, type, characteristics, and quantity of significant materials handled or stored, description of the shipping, receiving, and loading procedures, and the spill or leak prevention and response procedures. Where applicable, areas protected by containment structures and the corresponding containment capacity shall be described.

iii. Dust and Particulate Generating Activities

Describe all industrial activities that generate dust or particulates that may be deposited within the facility's boundaries and identify their discharge locations; the characteristics of dust and particulate pollutants; the approximate quantity of dust and particulate pollutants that may be deposited within the facility boundaries; and a description of

the primary areas of the facility where dust and particulate pollutants would settle.

iv. Significant Spills and Leaks

Describe materials that have spilled or leaked in significant quantities in storm water discharges or non-storm water discharges since April 17, 1994. Include toxic chemicals (listed in 40 CFR, Part 302) that have been discharged to storm water as reported on U.S. Environmental Protection Agency (U.S. EPA) Form R, and oil and hazardous substances in excess of reportable quantities (see 40 Code of Federal Regulations [CFR], Parts 110, 117, and 302).

The description shall include the type, characteristics, and approximate quantity of the material spilled or leaked, the cleanup or remedial actions that have occurred or are planned, the approximate remaining quantity of materials that may be exposed to storm water or non-storm water discharges, and the preventative measures taken to ensure spill or leaks do not reoccur. Such list
shall be updated as appropriate during the term of this General Permit.

v. Non-Storm Water Discharges

Facility operators shall investigate the facility to identify all non-storm water discharges and their sources. As part of this investigation, all drains (inlets and outlets) shall be evaluated to identify whether they connect to the storm drain system.

All non-storm water discharges shall be described. This shall include the source, quantity, frequency, and characteristics of the non-storm water discharges and associated drainage area.

Non-storm water discharges that contain significant quantities of pollutants or that do not meet the conditions provided in Special Conditions D. are prohibited by this General Permit (Examples of prohibited non-storm water discharges are contact and non-contact cooling water, boiler blowdown, rinse water, wash water, etc.). Non-storm water discharges that meet the conditions provided in Special
Condition D. are authorized by this General Permit. The SWPPP must include BMPs to prevent or reduce contact of non-storm water discharges with
significant materials or equipment.

vi. Soil Erosion

Describe the facility locations where soil erosion may occur as a result of industrial activity, storm water discharges associated with industrial activity, or authorized non-storm water discharges.

b. The SWPPP shall include a summary of all areas of industrial activities, potential pollutant sources, and potential pollutants. This information should be summarized similar to Table B. The last column of Table B, "Control Practices", should be completed in accordance with Section A.8. below.

TABLE B
EXAMPLE
ASSESSMENT OF POTENTIAL POLLUTION SOURCES AND
CORRESPONDING BEST MANAGEMENT PRACTICES
SUMMARY

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Vehicle & Equipment Fueling	Fueling	Spills and leaks during delivery	fuel oil	- Use spill and overflow protection - Minimize run-on of storm water into the fueling area - Cover fueling area - Use dry cleanup methods rather than hosing down area - Implement proper spill prevention control program - Implement adequate preventative maintenance program to preventive tank and line leaks - Inspect fueling areas regularly to detect problems before they occur - Train employees on proper fueling, cleanup, and spill response techniques.
		Spills caused by topping off fuel tanks	fuel oil	
		Hosing or washing down fuel area	fuel oil	
		Leaking storage tanks	fuel oil	
		Rainfall running off fueling area, and rainfall running onto and off fueling area	fuel oil	

7. *Assessment of Potential Pollutant Sources*

a. The SWPPP shall include a narrative assessment of all industrial activities and potential pollutant sources as described in A.6. above to determine:

i. Which areas of the facility are likely sources of pollutants in storm water discharges and authorized non-storm water discharges, and

ii. Which pollutants are likely to be present in storm water discharges and authorized non-storm water discharges. Facility operators shall consider and evaluate various factors when performing this assessment such as current storm water BMPs; quantities of significant materials handled, produced, stored, or disposed of; likelihood of exposure to storm water or authorized non-storm water discharges; history of spill or leaks; and run-on from outside sources.

b. Facility operators shall summarize the areas of the facility that are likely sources of pollutants and the corresponding pollutants that are likely to be present in storm water discharges and authorized non-storm water discharges.

Facility operators are required to develop and implement additional BMPs as appropriate and necessary to prevent or reduce pollutants associated with each pollutant source. The BMPs will be narratively described in Section 8 below.

The description of the BMPs shall identify the BMPs as (1) existing BMPs, (2) existing BMPs to be revised and implemented, or (3) new BMPs to be implemented. The description shall also include a discussion on the effectiveness of each BMP to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. The SWPPP shall provide a summary of all BMPs implemented for each pollutant source. This information should be summarized similar to Table B.

Facility operators shall consider the following BMPs for implementation at the facility:

a. Non-Structural BMPs

Non-structural BMPs generally consist of processes, prohibitions, procedures, schedule of activities, etc., that prevent pollutants associated with industrial activity from contacting with storm water discharges and authorized non-storm water discharges. They are considered low technology, cost-effective measures. Facility operators should consider all possible non-structural BMPs options before considering additional structural BMPs (see Section A.8.b. below). Below is a list of non-structural BMPs that should be considered:

i. Good Housekeeping

Good housekeeping generally consist of practical procedures to maintain a clean and orderly facility.

ii. Preventive Maintenance

Preventive maintenance includes the regular inspection and maintenance of structural storm water controls (catch basins, oil/water separators, etc.) as well as other facility equipment and systems.

iii. Spill Response

This includes spill clean-up procedures and necessary clean-up equipment based upon the quantities and locations of significant materials that may spill or leak.

iv. Material Handling and Storage

This includes all procedures to minimize the potential for spills and leaks and to minimize exposure of significant materials to storm water and authorized non-storm water discharges.

v. Employee Training

This includes training of personnel who are responsible for (1) implementing activities identified in the SWPPP, (2) conducting inspections, sampling, and visual observations, and (3) managing storm water. Training should address topics such as spill response, good housekeeping, and material handling procedures, and actions necessary to implement all BMPs identified in the SWPPP. The SWPPP shall identify periodic dates for such training. Records shall be maintained of all training sessions held.

vi. Waste Handling/Recycling

This includes the procedures or processes to handle, store, or dispose of waste materials or recyclable materials.

vii. Recordkeeping and Internal Reporting

This includes the procedures to ensure that all records of inspections, spills, maintenance activities, corrective actions, visual observations, etc., are developed, retained, and provided, as necessary, to the appropriate facility personnel.

viii. Erosion Control and Site Stabilization

This includes a description of all sediment and erosion control activities. This may include the planting and maintenance of vegetation, diversion of run-on and runoff, placement of sandbags, silt screens, or other sediment control devices, etc.

ix. Inspections

This includes, in addition to the preventative maintenance inspections identified above, an inspection schedule of all potential pollutant sources. Tracking and follow-up procedures

shall be described to ensure adequate corrective actions are taken and SWPPPs are made.

x. Quality Assurance

This includes the procedures to ensure that all elements of the SWPPP and Monitoring Program are adequately conducted.

b. Structural BMPs

Where non-structural BMPs as identified in Section A.8.a. above are not effective, structural BMPs shall be considered. Structural BMPs generally consist of structural devices that reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. Below is a list of structural BMPs that should be considered:

i. Overhead Coverage

This includes structures that provide horizontal coverage of materials, chemicals, and pollutant sources from contact with storm water and authorized non-storm water discharges.

ii. Retention Ponds

This includes basins, ponds, surface impoundments, bermed areas, etc., that do not allow storm water to discharge from the facility.

iii. Control Devices

This includes berms or other devices that channel or route run-on and runoff away from pollutant sources.

iv. Secondary Containment Structures

This generally includes containment structures around storage tanks and other areas for the purpose of collecting any leaks or spills.

v. Treatment

This includes inlet controls, infiltration devices, oil/water separators, detention ponds, vegetative swales, etc., that reduce the pollutants in storm water discharges and authorized non-storm water discharges.

8. *Storm Water Best Management Practices*

The SWPPP shall include a narrative description of the storm water BMPs to be implemented at the facility for each potential pollutant and its source identified in the site assessment phase (Sections A.6. and 7. above). The BMPs shall be developed and implemented to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. Each pollutant and its source may require one or more BMPs. Some BMPs may be implemented for multiple pollutants and their sources, while other BMPs will be implemented for a very specific pollutant and its source.

9. Annual Comprehensive Site Compliance Evaluation

The facility operator shall conduct one comprehensive site compliance evaluation (evaluation) in each reporting period (July 1-June 30). Evaluations shall be conducted within 8-16 months of each other. The SWPPP shall be revised, as appropriate, and the revisions implemented within 90 days of the evaluation. Evaluations shall include the following:

a. A review of all visual observation records, inspection records, and sampling and analysis results.

b. A visual inspection of all potential pollutant sources for evidence of, or the potential for, pollutants entering the drainage system.

c. A review and evaluation of all BMPs (both structural and non-structural) to determine whether the BMPs are adequate, properly implemented and maintained, or whether additional BMPs are needed. A visual inspection of equipment needed to implement the SWPPP, such as spill response equipment, shall be included.

d. An evaluation report that includes, (i) identification of personnel performing the evaluation, (ii) the date(s) of the evaluation, (iii) necessary SWPPP revisions, (iv) schedule, as required in Section A.10.e, for implementing SWPPP revisions, (v) any incidents of non-compliance and the corrective actions taken, and (vi) a certification that the facility operator is in compliance with this General Permit. If the above certification cannot be provided, explain in the evaluation report why the facility operator is not in compliance with this General Permit. The evaluation report shall be submitted as part of the annual report, retained for at least five years, and signed and certified in accordance with Standard Provisions 9. and 10. of Section C. of this General Permit.

10. *SWPPP General Requirements*

a. The SWPPP shall be retained on site and made available upon request of a representative of the Regional Water Board and/or local storm water management agency (local agency) which receives the storm water discharges.

b. The Regional Water Board and/or local agency may notify the facility operator when the SWPPP does not meet one or more of the

minimum requirements of this Section. As requested by the Regional Water Board and/or local agency, the facility operator shall submit an SWPPP revision and implementation schedule that meets the minimum requirements of this section to the Regional Water Board and/or local agency that requested the SWPPP revisions. Within 14 days after implementing the required SWPPP revisions, the facility operator shall provide written certification to the Regional Water Board and/or local agency that the revisions have been implemented.

c. The SWPPP shall be revised, as appropriate, and implemented prior to changes in industrial activities which (i) may significantly increase the quantities of pollutants in storm water discharge, (ii) cause a new area of industrial activity at the facility to be exposed to storm water, or (iii) begin an industrial activity which would introduce a new pollutant source at the facility.

d. Other than as provided in Provisions B.11, B.12, and E.2 of the General Permit, the SWPPP shall be revised and implemented in a timely manner, but in no case more than 90 days after a facility operator determines that the SWPPP is in violation of any requirement(s) of this General Permit.

e. When any part of the SWPPP is infeasible to implement by the deadlines specified in Provision E.2 or Sections A.1, A.9, A.10.c, and A.10.d of this General Permit due to proposed significant structural changes, the facility operator shall submit a report to the Regional Water Board prior to the applicable deadline that (i) describes the portion of the SWPPP that is infeasible to implement by the deadline, (ii) provides justification for a time extension, (iii) provides a schedule for completing and implementing that portion of the SWPPP, and (iv) describes the BMPs that will be implemented in the interim period to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges. Such reports are subject to Regional Water Board approval and/or modifications. Facility operators shall provide written notification to the Regional Water Board within 14 days after the SWPPP revisions are implemented.

f. The SWPPP shall be provided, upon request, to the Regional Water Board. The SWPPP is considered a report that shall be available to the public by the Regional Water Board under Section 308(b) of the Clean Water Act.

SECTION B. MONITORING PROGRAM AND REPORTING REQUIREMENTS

1. *Implementation Schedule*

Each facility operator shall develop a written monitoring program for each facility covered by this General Permit in accordance with the following schedule:

a. Facility operators beginning industrial activities before October 1, 1992 shall develop and implement a monitoring program no later than October 1, 1992. Facility operators beginning operations after October 1, 1992

shall develop and implement a monitoring program when the industrial activities begin.

b. Facility operators that submitted a Notice Of Intent (NOI) pursuant to State Water Resources Control Board (State Water Board) Order No. 91-013-DWQ (as amended by Order No. 92-12) or San Francisco Bay Regional Water Quality Control Board (Regional Water Board) Order No. 92-11 (as amended by Order No. 92-116), shall continue to implement their existing monitoring program and implement any necessary revisions to their monitoring program in a timely manner, but in no case later than August 1, 1997. These facility operators may use the monitoring results conducted in accordance with those expired general permits to satisfy the pollutant/parameter reduction requirements in Section B.5.c., Sampling and Analysis Exemptions and Reduction certifications in Section B.12., and Group Monitoring Sampling credits in B.15.k. For facilities beginning industrial activities after the adoption of this General Permit, the monitoring program shall be developed and implemented when the facility begins the industrial activities.

2. *Objectives*

The objectives of the monitoring program are to:

a. Ensure that storm water discharges are in compliance with the Discharge Prohibitions, Effluent Limitations, and Receiving Water Limitations specified in this General Permit.

b. Ensure practices at the facility to reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges are evaluated and revised to meet changing conditions.

c. Aid in the implementation and revision of the SWPPP required by Section A of this General Permit.

d. Measure the effectiveness of best management practices (BMPs) to prevent or reduce pollutants in storm water discharges and authorized non-storm water discharges. Much of the information necessary to develop the monitoring program, such as discharge locations, drainage areas, pollutant sources, etc., should be found in the Storm Water Pollution Prevention Plan (SWPPP). The facility's monitoring program shall be a written, site-specific document that shall be revised whenever appropriate and be readily available for review by employees or Regional Water Board inspectors.

3. *Non-storm Water Discharge Visual Observations*

a. Facility operators shall visually observe all drainage areas within their facilities for the presence of unauthorized non-storm water discharges;

b. Facility operators shall visually observe the facility's authorized non-storm water discharges and their sources;

c. The visual observations required above shall occur quarterly, during daylight hours, on days with no storm water discharges, and during scheduled facility operating hours[1]. Quarterly visual observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Facility operators shall conduct quarterly visual observations within 6-18 weeks of each other.

d. Visual observations shall document the presence of any discolorations, stains, odors, floating materials, etc., as well as the source of any discharge. Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges. The SWPPP shall be revised, as necessary, and implemented in accordance with Section A of this General Permit.

4. *Storm Water Discharge Visual Observations*

a. With the exception of those facilities described in Section B.4.d. below, facility operators shall visually observe storm water discharges from one storm event per month during the wet season (October 1-May 30). These visual observations shall occur during the first hour of discharge and at all discharge locations. Visual observations of stored or contained storm water shall occur at the time of release.

b. Visual observations are only required of storm water discharges that occur during daylight hours that are preceded by at least three (3) working days[2] without
storm water discharges and that occur during scheduled facility operating hours.

c. Visual observations shall document the presence of any floating and suspended material, oil and grease, discolorations, turbidity, odor, and source of any pollutants. Records shall be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in storm water discharges. The SWPPP shall be revised,

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[1] "Scheduled facility operating hours" are the time periods when the facility is staffed to conduct any function related to industrial activity, but excluding time periods where only routine maintenance, emergency response, security, and/or janitorial services are performed.

[2] Three (3) working days may be separated by non-working days such as weekends and holidays provided that no storm water discharges occur during the three (3) working days and the non-working days.

as necessary, and implemented in accordance with Section A of this General Permit.

d. Feedlots (subject to Federal effluent limitations guidelines in 40 Code of Federal Regulations [CFR] Part 412) that are in compliance with Sections 2560 to 2565, Article 6, Chapter 15, Title 23, California Code of Regulations, and facility operators with storm water containment facilities shall conduct monthly inspections of their containment areas to detect leaks and ensure maintenance of adequate freeboard. Records shall be maintained of the inspection dates, observations, and any response taken to eliminate leaks and to maintain adequate freeboard.

5. *Sampling and Analysis*

a. Facility operators shall collect storm water samples during the first hour of discharge from (1) the first storm event of the wet season, and (2) at least one other storm event in the wet season. All storm water discharge locations shall be sampled. Sampling of stored or contained storm water shall occur at the time the stored or contained storm water is released. Facility operators that do not collect samples from the first storm event of the wet season are still required to collect samples from two other storm events of the wet season and shall explain in the Annual Report why the first storm event was not sampled.

b. Sample collection is only required of storm water discharges that occur during scheduled facility operating hours and that are preceded by at least (3) three working days without storm water discharge.

c. The samples shall be analyzed for:

i. Total suspended solids (TSS) pH, specific conductance, and total organic carbon (TOC). Oil and grease (O&G) may be substituted for TOC; and

ii. Toxic chemicals and other pollutants that are likely to be present in storm water discharges in significant quantities. If these pollutants are not detected in significant quantities after two consecutive sampling events, the facility operator may eliminate the pollutant from future sample analysis until the pollutant is likely to be present again; and

iii. Other analytical parameters as listed in Table D (located at the end of this Section). These parameters are dependent on the facility's standard industrial classification (SIC) code. Facility operators are not required to analyze a parameter listed in Table D when the parameter is not already required to be analyzed pursuant to Section B.5.c.i. and ii. or B.6 of this General Permit, and either of the two following conditions are met: (1) the parameter has not been detected in significant quantities from the last two consecutive sampling events, or (2) the parameter is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation of the facilities industrial activities, potential pollutant sources, and SWPPP. Facility operators that do not analyze for the applicable Table D parameters shall certify in the Annual Report that the above conditions have been satisfied.

iv. Other parameters as required by the Regional Water Board.

b. All sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All monitoring instruments and equipment (including a facility operator's own field instruments for measuring pH and Electro Conductivity) shall be calibrated and maintained in accordance with manufacturers' specifications to ensure accurate measurements. All laboratory analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this General Permit or by the Regional Water Board. All metals shall be reported as total metals. With the exception of analysis conducted by facility operators, all laboratory analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. Facility operators may conduct their own sample analyses if the facility operator has sufficient capability (qualified employees, laboratory equipment, etc.) to adequately perform the test procedures.

11. *Inactive Mining Operations*

Inactive mining operations are defined in Attachment 1 of this General Permit. Where comprehensive site compliance evaluations, non-storm water discharge visual observations, storm water discharge visual observations, and storm water sampling are impracticable, facility operators of inactive mining operations may instead obtain certification once every three years by a Registered Professional Engineer that an SWPPP has been prepared for the facility and is being implemented in accordance with the requirements of this General Permit. By means of these certifications, the Registered Professional Engineer having examined the facility and being familiar with the provisions of this General Permit shall attest that the SWPPP has been prepared in accordance with good engineering practices. Facility operators of mining operations who cannot obtain a certification because of noncompliance must notify the appropriate Regional Water Board and, upon request, the local agency which receives the storm water discharge.

12. *Sampling and Analysis* Exemptions and Reductions

A facility operator who qualifies for sampling and analysis exemptions, as described below in Section B.12.a.i., or who qualifies for reduced sampling and analysis, as described below in Section B.12.b., must submit the appropriate certifications and required documentation to the Regional Water Boards prior to the wet season (October 1) and recertify as part of the Annual Report submittal. A facility operator that qualifies for either the Regional Water Board or local agency certification programs, as described below in Section B.12.a.ii. and iii., shall submit certification and documentation in accordance with the requirements of those programs. Facility operators who provide certifications in accordance with this Section are still required to comply with all other monitoring program and reporting requirements. Facility operators shall prepare and submit their certifications using forms and instructions provided by the State Water Board, Regional Water Board, or local agency or shall submit their information on a form that contains equivalent information. Facility operators whose facility no longer meets the certification conditions must notify the Regional Water Boards (and local agency) within 30 days and immediately comply with the Section B.5. sampling and analysis requirements. Should a Regional Water Board (or local agency) determine that a certification does not meet the conditions set forth below, facility operators must immediately comply with the Section B.5. sampling and analysis requirements.

a. Sampling and Analysis Exemptions

A facility operator is not required to collect and analyze samples in accordance with Section B.5. if the facility operator meets all of the conditions of one of the following certification programs:

i. No Exposure Certification (NEC)

This exemption is designed primarily for those facilities where all industrial activities are conducted inside buildings and where all materials stored and handled are not exposed to storm water. To qualify for this exemption, facility operators must certify that their facilities meet all of the following conditions:

(1) All prohibited non-storm water discharges have been eliminated or otherwise permitted.

(2) All authorized non-storm water discharges have been identified and addressed in the SWPPP.

(3) All areas of past exposure have been inspected and cleaned, as appropriate.

(4) All significant materials related to industrial activity (including waste materials) are not exposed to storm water or authorized non-storm water discharges.

(5) All industrial activities and industrial equipment are not exposed to storm water or authorized non-storm water discharges.

(6) There is no exposure of storm water to significant materials associated with industrial activity through other direct or indirect pathways such as from industrial activities that generate dust and particulates.

(7) There is periodic re-evaluation of the facility to ensure conditions (1), (2), (4), (5), and (6) above are continuously met. At a minimum, re-evaluation shall be conducted once a year.

ii. Regional Water Board Certification Programs

The Regional Water Board may grant an exemption to the Section B.5. Sampling and Analysis Requirements if it determines a facility operator has met the conditions set forth in a Regional Water Board certification program. Regional Water Board certification programs may include conditions to (1) exempt facility operators whose facilities infrequently discharge storm water to waters of the United States, and (2) exempt facility operators that demonstrate compliance with the terms and conditions of this General Permit.

iii. Local Agency Certifications

A local agency may develop a local agency certification program. Such programs must be approved by the Regional Water Board. An approved local agency program may either grant an exemption from the Section B.5. Sampling and Analysis Requirements or reduce the frequency of sampling if it determines that a facility operator has demonstrated compliance with the terms and conditions of this General Permit.

6. *Facilities Subject to Federal Storm Water Effluent Limitation Guidelines*

Facility operators with facilities subject to Federal storm water effluent limitation guidelines, in addition to the requirements in Section B.5. above, must complete the following:

a. Collect and analyze two samples for any pollutant specified in the appropriate category of 40 CFR Subchapter N. The sampling and analysis exemptions and reductions described in Section B.12. of this General Permit do not apply to these pollutants.

b. Estimate or calculate the volume of storm water discharges from each drainage area;

c. Estimate or calculate the mass of each regulated pollutant as defined in the appropriate category of 40 CFR Subchapter N; and

d. Identify the individual(s) performing the estimates or calculations in accordance with Subsections b. and c. above.

7. *Sample Storm Water Discharge Locations*

a. Facility operators shall visually observe and collect samples of storm water discharges from all drainage areas that represent the quality and quantity of the facility's storm water discharges from the storm event.

b. If the facility's storm water discharges are commingled with run-on from surrounding areas, the facility operator should identify other visual observation and sample collection locations that have not been commingled by run-on and that represent the quality and quantity of the facility's storm water discharges from the storm event.

c. If visual observation and sample collection locations are difficult to observe or sample (e.g., sheet flow, submerged outfalls), facility operators shall identify and collect samples from other locations that represent the quality and quantity of the facility's storm water discharges from the storm event.

d. Facility operators that determine that the industrial activities and BMPs within two or more drainage areas are substantially identical may either (i) collect samples from a reduced number of substantially identical

drainage areas, or (ii) collect samples from each substantially identical drainage area and analyze a combined sample from each substantially identical drainage area. Facility operators must document such a determination in the annual report.

8. *Visual Observation and Sample Collection Exceptions*

Facility operators are required to be prepared to collect samples and conduct visual observations at the beginning of the wet season (October 1) and throughout the wet season until the minimum requirements of Sections B.4. and B.5. are completed with the following exceptions:

a. A facility operator is not required to collect a sample and conduct visual observations in accordance with Section B.4 and Section B.5 due to dangerous weather conditions, such as flooding, electrical storm, etc., when storm water discharges begin after scheduled facility operating hours or when storm water discharges are not preceded by three working days without discharge. Visual observations are only required during daylight hours. Facility operators that do not collect the required samples or visual observations during a wet season due to these exceptions shall include an explanation in the Annual Report why the sampling or visual observations could not be conducted.

b. A facility operator may conduct visual observations and sample collection more than one hour after discharge begins if the facility operator determines that the objectives of this Section will be better satisfied. The facility operator shall include an explanation in the Annual Report why the visual observations and sample collection should be conducted after the first hour of discharge.

9. *Alternative Monitoring Procedures*

Facility operators may propose an alternative monitoring program that meets Section B.2 monitoring program objectives for approval by the Regional Water Board. Facility operators shall continue to comply with the monitoring requirements of this Section and may not implement an alternative monitoring plan until the alternative monitoring plan is approved by the Regional Water Board. Alternative monitoring plans are subject to modification by the Regional Water Boards.

10. *Monitoring Methods*

a. Facility operators shall explain how the facility's monitoring program will satisfy the monitoring program objectives of Section B.2. This shall include:

i. Rationale and description of the visual observation methods, location, and frequency.

ii. Rationale and description of the sampling methods, location, and frequency; and

iii. Identification of the analytical methods and corresponding method detection limits used to detect pollutants in storm water discharges. This shall include justification that the method detection limits are adequate to satisfy the objectives of the monitoring program.

b. Sampling and Analysis Reduction

i. A facility operator may reduce the number of sampling events required to be sampled for the remaining term of this General Permit if the facility operator provides certification that the following conditions have been met:

(1) The facility operator has collected and analyzed samples from a minimum of six storm events from all required drainage areas;

(2) All prohibited non-storm water discharges have been eliminated or otherwise permitted;

(3) The facility operator demonstrates compliance with the terms and conditions of the General Permit for the previous two years (i.e., completed Annual Reports, performed visual observations, implemented appropriate BMPs, etc.);

(4) The facility operator demonstrates that the facility's storm water discharges and authorized non-storm water discharges do not contain significant quantities of pollutants; and

(5) Conditions (2), (3), and (4) above are expected to remain in effect for a minimum of one year after filing the certification.

ii. Unless otherwise instructed by the Regional Water Board, facility operators shall collect and analyze samples from two additional storm events (or one additional storm event when certification filed for the wet season beginning October 1, 2001) during the remaining term of this General Permit in accordance with Table C below. Facility operators shall collect samples of the first storm event of the wet season. Facility operators that do not collect samples from the first storm event of the wet season shall collect samples from another storm event during the same wet season. Facility operators that do not collect a sample in a required wet season shall collect the sample from another storm event in the next wet season. Facility operators shall explain in the Annual Report why the first storm event of a wet season was not sampled or a sample was not taken from any storm event in accordance with the Table C schedule.

Table C
REDUCED MONITORING SAMPLING SCHEDULE

Facility Operator Filing Sampling Reduction Certification By	Samples Shall be Collected and Analyzed in These Wet Seasons	
	Sample 1	Sample 2
Oct. 1, 1997	Oct. 1, 1997-May 31, 1998	Oct. 1, 1999-May 31, 2000
Oct. 1, 1998	Oct. 1, 1998-May 31, 1999	Oct. 1, 2000-May 31, 2001
Oct. 1, 1999	Oct. 1, 1999-May 31, 2000	Oct. 1, 2001-May 31, 2002
Oct. 1, 2000	Oct. 1, 2000-May 31, 2001	Oct. 1, 2002-May 31, 2002
Oct. 1, 2001	Oct. 1, 2001-May 31, 2002	-

13. *Records*

Records of all storm water monitoring information and copies of all reports (including the Annual Reports) required by this General Permit shall be retained for a period of at least five years. These records shall include:

a. The date, place, and time of site inspections, sampling, visual observations, and/or measurements;

b. The individual(s) who performed the site inspections, sampling, visual observations, and or measurements;

c. Flow measurements or estimates (if required by Section B.6);

d. The date and approximate time of analyses;

e. The individual(s) who performed the analyses;

f. Analytical results, method detection limits, and the analytical techniques or methods used;

g. Quality assurance/quality control records and results;

h. Non-storm water discharge inspections and visual observations and storm water discharge visual observation records (see Sections B.3. and 4.);

i. Visual observation and sample collection exception records (see Section B.5.a, 7.d, 8, and 12.b.ii.);

j. All calibration and maintenance records of on-site instruments used;

k. All Sampling and Analysis Exemption and Reduction certifications and supporting documentation (see Section B.12);

l. The records of any corrective actions and follow-up activities that resulted from the visual observations.

14. *Annual Report*

All facility operators shall submit an Annual Report by July 1 of each year to the Executive Officer of the Regional Water Board responsible for the area in which the facility is located and to the local agency (if requested).

The report shall include a summary of visual observations and sampling results, an evaluation of the visual observation and sampling and analysis results, laboratory reports, the Annual Comprehensive Site Compliance Evaluation Report required in Section A.9., an explanation of why a facility did not implement any activities required by the General Permit (if not already included in the Evaluation Report), and records specified in Section B.13.i. The method detection limit of each analytical parameter shall be included. Analytical results that are less than the method detection limit shall be reported as "less than the method detection limit." The Annual Report shall be signed and certified in accordance with Standard Provisions 9. and 10. of Section C of this General Permit. Facility operators shall prepare and submit their Annual Reports using the annual report forms provided by the State Water Board or Regional Water Board or shall submit their information on a form that contains equivalent information.

15. *Group Monitoring*

Facility operators may participate in group monitoring as described below. A facility operator that participates in group monitoring shall develop and implement a written site- specific SWPPP and monitoring program in accordance with the General Permit and must satisfy any group monitoring requirements. Group monitoring shall be subject to the following requirements:

a. A group monitoring plan (GMP) shall be developed and implemented by a group leader representing a group of similar facility operators regulated by this General Permit or by a local agency which holds an NPDES permit (local agency permittee) for a municipal separate storm sewer system. GMPs with participants that discharge storm water within the boundaries of a single Regional Water Board shall be approved by that Regional Water Board. GMPs with participants that discharge storm water within the boundaries of multiple Regional Water Boards shall be approved by the State Water Board. The State Water Board and/or Regional Water Board(s) may disapprove a facility's participation in a GMP or require a GMP participant to conduct additional monitoring activities.

b. Each GMP participant shall collect and analyze samples from at least two storm events in accordance with Section B.5. over the five-year period of this General Permit. The two storm event minimum applies to new and existing members. The group leader or local agency permittee shall schedule sampling to meet the following conditions: (i) to evenly distribute the sample collection over the five-year term of this General Permit, and (ii) to collect samples from the two storm events at each participant's facility in different and non-consecutive wet seasons. New participants who join in Years 4 and 5 of this General Permit are not subject to Condition (ii) above. Group leaders shall explain in the annual Group Evaluation Report why any scheduled samples were not collected and reschedule the sampling so that all required samples are collected during the term of this General Permit.

c. The group leader or local agency permittee must have the appropriate resources to develop and implement the GMP.

The group leader or local agency permittee must also have the authority to terminate any participant who is not complying with this General Permit and the GMP.

d. The group leader or local agency permittee is responsible for:

i. Developing, implementing, and revising the GMP;

ii. Developing and submitting an annual Group Evaluation Report to the State Water Board and/or Regional Water Board by August 1 of each year that includes:

(1) An evaluation and summary of all group monitoring data,

(2) An evaluation of the overall performance of the GMP participants in complying with this General Permit and the GMP,

(3) Recommended baseline and site-specific BMPs that should be considered by each participant based upon Items (1) and (2) above, and

(4) A copy of each evaluation report and recommended BMPs as required in Section B.15.d.v. below.

iii. Recommending appropriate BMPs to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges;

iv. Assisting each participant in completing their Annual Comprehensive Site Compliance Evaluation and Annual Report;

v. Conducting a minimum of two on-site inspections of each participant's facility (it is recommended that these inspections be scheduled during the Annual Comprehensive Site Compliance Evaluation) during the term of this General Permit to evaluate the participant's compliance with this General Permit and the GMP, and to recommend any additional BMPs necessary to achieve compliance with this General Permit. Participants that join in Years 4 and 5 shall be scheduled for one evaluation. A copy of the evaluation and recommended BMPs shall be provided to the participants;

vi. Submitting a GMP (or revisions, as necessary), to the appropriate Regional Water Board(s) and State Water Board no later than September 1, 1997 (or August 1 in subsequent years). Once approved, a group leader or local agency permittee shall submit a letter of intent by August 1 of each year to continue the approved GMP. The letter of intent must include a roster of participants, participant's Waste Discharge Identification number (WDID#), updated sampling schedules, and any other revisions to the GMP;

vii. Revising the GMP as instructed by the Regional Water Board or the State Water Board; and

viii. Providing the State Water Board and/or Regional Water Board with quarterly updates of any new or deleted participants and corresponding changes in the sampling and inspection schedule.

e. The GMP shall:

i. Identify the participants of the GMP by name, location, and WDID number;

ii. Include a narrative description summarizing the industrial activities of participants of the GMP and explain why the participants, as a whole, have sufficiently similar industrial activities and BMPs to be covered by a group monitoring plan;

iii. Include a list of typical potential pollutant sources associated with the group participant's facilities and recommended baseline BMPs to prevent or reduce pollutants associated with industrial activity in the storm water discharges and authorized non-storm water discharges;

iv. Provide a five-year sampling and inspection schedule in accordance with Subsections b. and d.v. above.

v. Identify the pollutants associated with industrial activity that shall be analyzed at each participant's facility in accordance with Section B.5. The selection of these pollutants shall be based upon an assessment of each facility's potential pollutant sources and likelihood that pollutants associated with industrial activity will be present in storm water discharges and authorized non-storm water discharges in significant quantities.

f. Sampling and analysis shall be conducted in accordance with the applicable requirements of this Section.

g. Unless otherwise instructed by the Regional Water Board or the State Water Board Executive Director, the GMPs shall be implemented at the beginning of the wet season (October 1).

h. All participants in an approved GMP that have not been selected to sample in a particular wet season are required to comply with all other monitoring program and reporting requirements of this Section including the submittal of an Annual Report by July 1 of each year to the appropriate Regional Water Board.

i. If any GMP includes participants which are subject to Federal storm water effluent limitation guidelines, each of those participants must perform the monitoring described in Section B.6. and submit the results of the monitoring to the appropriate Regional Water Board in the facility operator's Annual Report.

j. GMPs and Group Evaluation Reports should be prepared in accordance with State Water Board (or Regional Water Board) guidance.

k. GMP participants may receive Sampling and Analysis Reduction sampling credit in accordance with the following conditions:

i. Current or prior participants (group participants) of approved GMPs, who have not collected and analyzed samples from six storm events as required in Section B.7.b.i.(1), may substitute credit earned through participation in a GMP for up to four of the six required storm events. Credits for GMP participation shall be calculated as follows:

(1) Credit may only be earned in years of participation where the GMP participant was not scheduled to sample and the GMP was approved.

(2) One credit will be earned for each year of valid GMP participation.

(3) One additional credit may be earned for each year the overall GMP sample collection performance is greater than 75 percent.

ii. GMP participants substituting credit as calculated above shall provide proof of GMP participation and certification that all the conditions in Section B.12.b.i. have been met. GMP participants substituting credit in accordance with Section B.15.k.i.(3) shall also provide GMP sample collection performance documentation.

iii. GMP participants that qualify for Sampling and Analysis Reduction and have already sampled a storm event after October 1, 1997 shall only be required to sample one additional storm event during the remainder of this General Permit in accordance with the "Sample 2" schedule (or "Sample 1" schedule when certification filed for the wet season beginning October 1, 2001) in Table C of this Section.

n. Group leaders shall furnish, within 60 days of receiving a request from the State Water Board or Regional Water Board, any GMP information and documentation necessary to verify the Section B.15.k. sampling credits. Group leaders may also provide this information and documentation to the group participants.

16. *Watershed Monitoring Option*

Regional Water Boards may approve proposals to substitute watershed monitoring for some or all of the requirements of this Section if the Regional Water Board finds that the watershed monitoring will provide substantially similar monitoring information in evaluating facility operator compliance with the requirements of this General Permit.

TABLE D
ADDITIONAL ANALYTICAL PARAMETERS

ɔsector	SIC	Activity Represented	Parameter
CTOR A. TIMBER PRODUCTS			
	2421	General Sawmills and Planing Mills	COD;TSS;Z
	2491	Wood Preserving	As;C
	2411	Log Storage and Handling	TS
	2426	Hardwood Dimension and Flooring Mills	COD;TS
	2429	Special Product Sawmills, Not Elsewhere Classified	COD;TS
	243X	Millwork, Veneer, Plywood, and Structural Wood	COD;TS
	(except 2434--Wood Kitchen Cabinet Manufacturers)		
	244X	Wood Containers	COD;TS
	245X	Wood Buildings and Mobile Homes	COD;TS
	2493	Reconstituted Wood Products	COD;TS
	2499	Wood Products, Not Elsewhere Classified	
:TOR B. PAPER AND ALLIED PRODUCTS MANUFACTURING			
	261X	Pulp Mills	
	262X	Paper Mills	
	263X	Paperboard Mills	COI
	265X	Paperboard Containers and Boxes	
	267X	Converted Paper and Paperboard Products, Except Containers and Boxes	
'TOR C. CHEMICAL AND ALLIED PRODUCTS MANUFACTURING			
	281X	Industrial Inorganic Chemicals	Al;Fe;N+N
	282X	Plastics Materials and Synthetic Resins, Synthetic Rubber, Cellulosic, and Other Manmade Fibers Except Glass	Zn
	283X	Drugs	
	284X	Soaps, Detergents, and Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations	N+N;Zn
	285X	Paints, Varnishes, Lacquers, Enamels, and Allied Products	
	286X	Industrial Organic Chemicals	
	287X	Nitrogenous and Phosphatic Basic Fertilizers, Mixed Fertilizer, Pesticides, and Other Agricultural Chemicals	Fe;N+N;Pb;Zn;P
	289X	Miscellaneous Chemical Products	
	3952	Inks and Paints, Including China Painting Enamels, India Ink, (limited to list) Drawing Ink, Platinum Paints for Burnt Wood or Leather Work, Paints for China Painting, Artist's Paints, and Artist's Watercolors	
TOR D. ASPHALT PAVING/ROOFING MATERIALS MANUFACTURERS AND LUBRICANT MANUFACTURERS			
	295X	Asphalt Paving and Roofing Materials	TSS
	2992	Lubricating Oils and Greases	

Parameter Names

Aluminum	Cd - Cadmium	Cu - Copper	Mg - Magnesium	BOD - Biochemical Oxygen Demand
Arsenic	CN - Cyanide	Fe - Iron	Ag - Silver	N + N - Nitrate & Nitrite Nitrogen
Ammonia	Hg - Mercury	P - Phosphorus	Se - Selenium	Pb - Lead
Zinc	TSS -Total Suspended Solids	COD - Chemical Oxygen Demand		

ɛctor	SIC	Activity Represented	Parameters
'OR E. GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCT MANUFACTURING			
	3211	Flat Glass	
	322X	Glass and Glassware, Pressed or Blown	

323X	Glass Products Made of Purchased Glass	
3241	Hydraulic Cement	
325X	Structural Clay Products	
326X	Pottery and Related Products	
3297	Non-Clay Refractories	
327X	Concrete, Gypsum, and Plaster Products (Except Lime) (except 3274).	TSS;
3295	Minerals and Earths, Ground, or Otherwise Treated	TSS;

CTOR F. PRIMARY METALS

331X	Steel Works, Blast Furnaces, Rolling & Finishing Mill	Al;Z
332X	Iron and Steel Foundries	Al;TSS;Cu;Fe;Z
333X	Primary Smelting and Refining of Nonferrous Metals	
334X	Secondary Smelting and Refining of Nonferrous Metals	
335X	Rolling, Drawing, and Extruding of Nonferrous Metals	Cu;Z
336X	Nonferrous Foundries (Castings)	Cu;Z
339X	Miscellaneous Primary Metal Products	

CTOR G. METAL MINING (ORE MINING AND DRESSING) EXCEPT INACTIVE METAL NING ACTIVITIES ON FEDERAL LANDS WHERE AN OPERATOR CANNOT BE IDENTIFIED

101X	Iron Ores	
102X	Copper Ores	TSS;COD;N+
103X	Lead and Zinc Ores	
104X	Gold and Silver Ores	
106X	Ferroalloy Ores, Except Vanadium	
108X	Metal Mining Services	
109X	Miscellaneous Metal Ores	

CTOR H. COAL MINES AND COAL MINING-RELATED FACILITIES

12XX	Coal Mines and Coal Mining-Related Facilities	TSS;Al;I

CTOR I. COAL MINES AND COAL MINING-RELATED FACILITIES

131X	Crude Petroleum and Natural Gas	
132X	Natural Gas Liquids	
138X	Oil and Gas Field Services	

CTOR J. MINERAL MINING AND DRESSING EXCEPT INACTIVE MINERAL MINING ACTIVITIES CURRING ON FEDERAL LANDS WHERE AN OPERATOR CANNOT BE IDENTIFIED

141X	Dimension Stone	TS
142X	Crushed and Broken Stone, Including Rip Rap	TS
148X	Nonmetallic Minerals, Except Fuels	TS
144X	Sand and Gravel	TSS;N+
145X	Clay, Ceramic, and Refractory Materials	
147X	Chemical and Fertilizer Mineral Mining	
149X	Miscellaneous Nonmetallic Minerals, Except Fuels	

sector	SIC	Activity Represented	Parameters
TOR K. HAZARDOUS WASTE TREATMENT STORAGE OR DISPOSAL FACILITIES			
	4953	Hazardous Waste Treatment Storage or Disposal	NH_3;Mg;COD;A Cd;CN;P Hg;Se;A
TOR L. LANDFILLS AND LAND APPLICATION SITES			
	4953	Landfills and Land Application Sites That Receive or	TSS;F

Have Received Industrial Wastes, Except Inactive Landfills
or Land Applications Sites Occurring on Federal Lands
Where an Operator Cannot be Identified

TOR M. AUTOMOBILE SALVAGE YARDS

5015 Facilities Engaged in Dismantling or Wrecking Used Motor ..... TSS;Fe;Pb;Al
Vehicles for Parts Recycling or Resale and for Scrap

TOR N. SCRAP RECYCLING FACILITIES

5093 Processing, Reclaiming, and Wholesale Distribution of Scrap ..... TSS;Fe;P
and Waste Materials ..... Al;Cu;Zn;COl

TOR O. STEAM ELECTRIC GENERATING FACILITIES

4911 Steam Electric Power Generating Facilities ..... F

TOR P. LAND TRANSPORTATION FACILITIES THAT HAVE VEHICLE AND EQUIPMENT NTENANCE SHOPS AND/OR EQUIPMENT CLEANING OPERATIONS

40XX Railroad Transportation .....
41XX Local and Highway Passenger Transportation .....
42XX Motor Freight Transportation and Warehousing .....
43XX United States Postal Service .....
5171 Petroleum Bulk Stations and Terminals .....

'OR Q. WATER TRANSPORTATION FACILITIES THAT HAVE VEHICLE (VESSEL) & IPMENT MAINTENANCE SHOPS AND/OR EQUIPMENT CLEANING OPERATIONS

44XX Water Transportation ..... Al;Fe;Pb;Zı

'OR R. SHIP AND BOAT BUILDING OR REPAIRING YARDS

373X Ship and Boat Building or Repairing Yards .....

'OR S. AIR TRANSPORTATION FACILITIES

45XX Air Transportation Facilities That Have Vehicle ..... BOD;COD;NH_3;pH
Maintenance Ships, Material Handing Facilities,
Equipment Cleaning Operations, or Airport and/or
Aircraft Deicing/Anti-icing Operations

ısector	SIC	Activity Represented	Parameters
CTOR T. TREATMENT WORKS			
	4952	Treatment Works Treating Domestic Sewage or Any Other Sewage Sludge or Wastewater Treatment Device or System Used in the Storage, treatment, recycling, or Reclamation of Municipal or Domestic Sewage with a Design Flow of 1.0 MGD or More or Required to Have an Approved Pretreatment Program	
CTOR U. FOOD AND KINDRED PRODUCTS			
	201X	Meat Products	
	202X	Dairy Products	
	203X	Canned, Frozen and Preserved Fruits, Vegetables and Food Specialties	
	204X	Grain Mill Products	T
	205X	Bakery Products	
	206X	Sugar and Confectionery Products	
	207X	Fats and Oils	BOD;COD;TSS;N
	208X	Beverages	
	209X	Miscellaneous Food Preparations and Kindred Products	
	21XX	Tobacco Products	
CTOR V. TEXTILE MILLS, APPAREL, AND OTHER FABRIC PRODUCT MANUFACTURING			
	22XX	Textile Mill Products	
	23XX	Apparel and Other Finished Products Made From Fabrics and Similar Materials	
CTOR W. FURNITURE AND FIXTURES			
	25XX	Furniture and Fixtures	
	2434	Wood Kitchen Cabinets	
CTOR X. PRINTING AND PUBLISHING			
	2732	Book Printing	
	2752	Commercial Printing, Lithographic	
	2754	Commercial Printing, Gravure	
	2759	Commercial Printing, Nor Elsewhere Classified	
	2796	Platemaking and Related Services	
CTOR Y. RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISC. MANUFACTURING INDUSTRIES			
	301X	Tires and Inner Tubes	2
	302X	Rubber and Plastics Footwear	2
	305X	Gaskets, Packing, and Sealing Devices and Rubber and Plastics Hose and Belting	2
	306X	Fabricated Rubber Products, Not Elsewhere Classified	2
	308X	Miscellaneous Plastics Products	

ısector	SIC	Activity Represented	Parameters
	393X	Musical Instruments	
	394X	Dolls, Toys, Games, and Sporting and Athletic Goods	
	395X	Pens, Pencils, and Other Artists' Materials	
	396X	Costume Jewelry, Costume Novelties, Buttons, and Miscellaneous Notions, Except Precious Metal	
	399X	Miscellaneous Manufacturing Industries	
ːTOR Z. LEATHER TANNING AND FINISHING			
	311X	Leather Tanning and Finishing	
	NA	Facilities that Make Fertilizer Solely From Leather Scraps and Leather Dust	
ːTOR AA. FABRICATED METAL PRODUCTS			
	3429	Hardware, Not Elsewhere Classified	Zn;N+N;Fe;A
	3441	Fabricated Structural Metal	Zn;N+N;Fe;A
	3442	Metal Doors, Sash, Frames, Molding, and Trim	Zn;N+N;Fe;A
	3443	Fabricated Plate Work (Boiler Shops)	Zn;N+N;Fe;A
	3444	Sheet Metal Work	Zn;N+N;Fe;A
	3451	Screw Machine Products	Zn;N+N;Fe;A
	3452	Bolts, Nuts, Screws, Rivets, and Washers	Zn;N+N;Fe;A
	3462	Iron and Steel Forgings	Zn;N+N;Fe;A
	3471	Electroplating, Plating, Polishing, Anodizing, and Coloring	Zn;N+N;Fe;A
	3494	Valves and Pipe Fittings, Not Elsewhere Classified	Zn;N+N;Fe;A
	3496	Miscellaneous Fabricated Wire Products.	Zn;N+N;Fe;A
	3499	Fabricated Metal Products, Not Elsewhere Classified	Zn;N+N;Fe;A
	391X	Jewelry, Silverware, and Plated Ware	Zn;N+N;Fe;A
	3479	Coating, Engraving, and Allied Services	Zn;N+N
TOR AB. TRANSPORTATION EQUIPMENT, INDUSTRIAL OR COMMERCIAL MACHINERY			
	35XX	Industrial and Commercial Machinery (except 357X Computer and Office Equipment)	
	37XX	Transportation Equipment (except 373X Ship and Boat Building and Repairing	
TOR AC. ELECTRONIC, ELECTRICAL. PHOTOGRAPHIC, AND OPTICAL GOODS			
	36XX	Electronic and Other Electrical Equipment and Components, Except Computer Equipment	
	38XX	Measuring, Analyzing, and Controlling Instruments; Photographic, Medical, and Optical Goods; Watches and Clocks	
	357X	Computer and Office Equipment	

Section C: STANDARD PROVISIONS

1. Duty to Comply

The facility operator must comply with all of the conditions of this General Permit. Any General Permit noncompliance constitutes a violation of the Clean Water Act (CWA) and the Porter-Cologne Water Quality Control Act and is grounds for (a) enforcement action for (b) General Permit termination, revocation and reissuance, or modification or (c) denial of a General Permit renewal application.

The facility operator shall comply with effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if this General Permit has not yet been modified to incorporate the requirement.

2. General Permit Actions

This General Permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the facility operator for a General Permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any General Permit condition.

If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the CWA for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this General Permit, this General Permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition, and the facility operator so notified.

3. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a facility operator in an enforcement action that it would have been necessary to halt or reduce the general permitted activity in order to maintain compliance with the conditions of this General Permit.

4. Duty to Mitigate

The facility operator shall take all responsible steps to minimize or prevent any discharge in violation of this General Permit which has a reasonable likelihood of adversely affecting human health or the environment.

5. Proper Operation and Maintenance

The facility operator at all times shall properly operate and maintain any facilities and systems of treatment and control (and related appurtenances) which are installed or used by the facility operator to achieve compliance with the conditions of this General Permit and with the requirements of storm water pollution prevention plans (SWPPPs). Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems installed by a facility operator when

necessary to achieve compliance with the conditions of this General Permit.

6. Property Rights

This General Permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

7. Duty to Provide Information

The facility operator shall furnish the Regional Water Quality Control Board (Regional Water Board), State Water Resources Control Board (State Water Board), U.S. Environmental Protection Agency (U.S. EPA), or local storm water management agency, within a reasonable time specified by the agencies, any requested information to determine compliance with this General Permit. The facility operator shall also furnish, upon request, copies of records required to be kept by this General Permit.

8. Inspection and Entry

The facility operator shall allow the Regional Water Board, State Water Board, U.S. EPA, and local storm water management agency, upon the presentation of credentials and other documents as may be required by law, to:

a. Enter upon the facility operator's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this General Permit;

b. Have access to and copy at reasonable times any records that must be kept under the conditions of this General Permit;

c. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment) that are related to or may impact storm water discharge or authorized non-storm water discharge; and

d. Conduct monitoring activities at reasonable times for the purpose of ensuring General Permit compliance.

9. Signatory Requirements

a. All Notices of Intent (NOIs) submitted to the State Water Board shall be signed as follows:

(1) For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (a) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (b) the manager of the facility if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. The principal executive officer of a Federal agency includes the chief executive officer of the agency or the senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of U.S. EPA).

b. All reports, certifications, or other information required by the General Permit or requested by the Regional Water Board, State Water Board, U.S. EPA, or local storm water management agency shall be signed by a person described above or by a duly authorized representative. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described above and retained as part of the SWPPP.

(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

(3) If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be attached to the SWPPP prior to submittal of any reports, certifications, or information signed by the authorized representative.

10. Certification

Any person signing documents under Provision 9. above shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

11. Reporting Requirements

a. Planned changes: The facility operator shall give advance notice to the Regional Water Board and local storm water management agency of any planned physical alteration or additions to the general permitted facility. Notice is required under this provision only when the alteration or addition could significantly

change the nature or increase the quantity of pollutants discharged.

b. Anticipated noncompliance: The facility operator will give advance notice to the Regional Water Board and local storm water management agency of any planned changes at the permitted facility which may result in noncompliance with General Permit requirements.

c. Compliance schedules: Reports of compliance or noncompliance with or any progress reports on interim and final requirements contained in any compliance schedule of this General Permit shall be submitted no later than 14 days following each scheduled date.

d. Noncompliance reporting: The facility operator shall report any noncompliance at the time monitoring reports are submitted. The written submission shall contain (1) a description of the noncompliance and its cause; (2) the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and (3) steps taken or planned to reduce and prevent recurrence of the noncompliance.

12. Oil and Hazardous Substance Liability

Nothing in this General Permit shall be construed to preclude the institution of any legal action or relieve the facility operator from any responsibilities, liabilities, or penalties to which the facility operator is or may be subject under Section 311 of the CWA.

13. Severability

The provisions of this General Permit are severable; and if any provision of this General Permit or the application of any provision of this General Permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this General Permit shall not be affected thereby.

14. Reopener Clause

This General Permit may be modified, revoked, and reissued, or terminated for cause due to promulgation of amended regulations, receipt of U.S. EPA guidance concerning regulated activities, judicial decision, or in accordance with 40 CFR 122.62, 122.63, 122.64, and 124.5. This General Permit may be reopened to modify the provisions regarding authorized non-storm water discharges specified in Section D. Special Conditions.

15. Penalties for Violations of General Permit Conditions.

a. Section 309 of the CWA provides significant penalties for any person who violates a General Permit condition implementing Sections 301, 302, 306, 307 308, 318, or 405 of the CWA, or any General Permit condition or limitation implementing any such section in a General Permit issued under Section 402. Any person who violates any General Permit condition of this General Permit is subject to a civil penalty not to exceed $25,000 per day of such violation, as well as any other appropriate sanction provided by Section 309 of the CWA.

b. The Porter-Cologne Water Quality Control Act also provides for civil and criminal penalties in some cases greater than those under the CWA.

16. Availability

A copy of this General Permit shall be maintained at the facility and be available at all times to the appropriate facility personnel and to Regional Water Board and local agency inspectors.

17. Transfers

This General Permit is not transferable from one facility operator to another facility operator nor may it be transferred from one location to another location. A new facility operator of an existing facility must submit an NOI in accordance with the requirements of this General Permit to be authorized to discharge under this General Permit.

18. Continuation of Expired General Permit

This General Permit continues in force and effect until a new general permit is issued or the State Water Board rescinds the General Permit. Facility operators authorized to discharge under the expiring general permit are required to file an NOI to be covered by the reissued General Permit.

19. Penalties for Falsification of Reports

Section 309(c)(4) of the CWA provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this General Permit, including reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $10,000 or by imprisonment for not more than two years, or by both.

FACILITIES COVERED BY THIS GENERAL PERMIT

Industrial facilities include Federal, State, municipally owned, and private facilities from the following categories:

1. FACILITIES SUBJECT TO STORM WATER EFFLUENT LIMITATIONS GUIDELINES, NEW SOURCE PERFORMANCE STANDARDS, OR TOXIC POLLUTANT EFFLUENT STANDARDS (40 Code of Federal Regulations (CFR) SUBCHAPTER N): Currently, categories of facilities subject to storm water effluent limitations guidelines are Cement Manufacturing (40 CFR Part 411), Feedlots (40 CFR Part 412), Fertilizer Manufacturing (40 CFR Part 418), Petroleum Refining (40 CFR Part 419), Phosphate Manufacturing (40 CFR Part 422), Steam Electric (40 CFR Part 423), Coal Mining (40 CFR Part 434), Mineral Mining and Processing (40 CFR Part 436), Ore Mining and Dressing (40 CFR Part 440), and Asphalt Emulsion (40 CFR Part 443).

2. MANUFACTURING FACILITIES: Standard Industrial Classifications (SICs) 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285) 29, 311, 32 (except 323), 33, 3441, and 373.

3. OIL AND GAS/MINING FACILITIES: SICs 10 through 14 including active or inactive mining operations (except for areas of coal mining operations meeting the definition of a reclamation area under 40 CFR 434.11(l) because of performance bond issued to the facility by the appropriate Surface Mining Control and Reclamation Act (SMCRA) authority has been released, or except for area of non-coal mining operations which have been released from applicable State or Federal reclamation requirements after December 17, 1990); oil and gas exploration, production, processing, or treatment operations; or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with any overburden, raw material, intermediate products, finished products, by-products, or waste products located on the site of such operations. Inactive mining operations are mined sites that are not being actively mined but which have an identifiable facility operator. Inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined material; or sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim.

4. HAZARDOUS WASTE TREATMENT, STORAGE, OR DISPOSAL FACILITIES: Includes those operating under interim status or a general permit under Subtitle C of the Federal Resource, Conservation, and Recovery Act (RCRA).

5. LANDFILLS, LAND APPLICATION SITES, AND OPEN DUMPS: Sites that receive or have received industrial waste from any of the facilities covered by this General Permit, sites subject to regulation under Subtitle D of RCRA, and sites that have accepted wastes from construction activities (construction activities include any clearing, grading, or excavation that results in disturbance of five acres or more).

6. RECYCLING FACILITIES: SICs 5015 and 5093. These codes include metal scrapyards, battery reclaimers, salvage yards, motor vehicle dismantlers and wreckers, and recycling facilities that are engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste material such as bottles, wastepaper, textile wastes, oil waste, etc.

7. STEAM ELECTRIC POWER GENERATING FACILITIES: Includes any facility that generates steam for electric power through the combustion of coal, oil, wood, etc.

8. TRANSPORTATION FACILITIES: SICs 40, 41, 42 (except 4221-25), 43, 44, 45, and 5171 which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication) or other operations identified herein that are associated with industrial activity.

9. SEWAGE OR WASTEWATER TREATMENT WORKS: Facilities used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility with a design flow of one million gallons per day or more or required to have an approved pretreatment program under 40 CFR Part 403. Not included are farm lands, domestic gardens, or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with Section 405 of the Clean Water Act.

10. MANUFACTURING FACILITIES WHERE INDUSTRIAL MATERIALS, EQUIPMENT, OR ACTIVITIES ARE EXPOSED TO STORM WATER: SICs 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, and 4221-4225.

STORM WATER CONTACTS FOR
THE STATE AND REGIONAL WATER BOARDS

See Storm Water Contacts at:
http://www.swrcb.ca.gov/stormwtr/contact.html

NOTICE OF INTENT (NOI)
INSTRUCTIONS

TO COMPLY WITH STATE WATER RESOURCES CONTROL BOARD WATER QUALITY ORDER NO. 97-03-DWQ NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000001

Who Must Submit

The facility operator must submit an NOI for each industrial facility that is required by U.S. Environmental Protection Agency (U.S.EPA) regulations to obtain a storm water permit. The required industrial facilities are listed in Attachment 1 of the General Permit and are also listed in 40 Code of Federal Regulations Section 122.26(b)(14).

The facility operator is typically the owner of the business or operation where the industrial activities requiring a storm water permit occur. The facility operator is responsible for all permit related activities at the facility.

Where operations have discontinued and significant materials remain on site (such as at closed landfills), the landowner may be responsible for filing an NOI and complying with this General Permit. Landowners may also file an NOI for a facility if the landowner, rather than the facility operator, is responsible for compliance with this General Permit.

How and Where to Apply

The completed NOI form, a site map, and appropriate fee must be mailed to the State Water Resources Control Board (State Water Board) at the following address:

State Water Resources Control Board
Division of Water Quality
P.O. Box 1977
Sacramento, CA 95812-1977
Attn: Storm Water Permitting Unit

Please Note: Do not send the original or copies of the NOI submittal to the Regional Water Quality Control Board (Regional Water Board). The original NOI will be forwarded to the Regional Water Board after processing.

Do not send a copy of your Storm Water Pollution Prevention Plan (SWPPP) with your NOI submittal. Your SWPPP is to be kept on site and made available for review upon request.

When to Apply

Facility operators of existing facilities must file an NOI in accordance with these instructions by March 30, 1992. Facility

operators of new facilities (those beginning operations after March 30, 1992) must file an NOI in accordance with these instructions at least 14 days prior to the beginning of operations.

Once the completed NOI, site map, and appropriate fee have been submitted to the State Water Board, your NOI will be processed and you will be issued a

receipt letter with a Waste Discharge Identification (WDID) Number. Please refer to this number when you contact either the State or Regional Water Boards.

Fees

The annual fee is either $250 or $500 depending on the facility location. See page 7 of these directions to determine your fee. Feedlots pay a one time fee of $2,000 for their discharge permit. Checks should be made payable to: SWRCB

The permit fee is waived for facilities that currently pay an annual fee for a National Pollutant Discharge Elimination System (NPDES) permit or Waste Discharge Requirement (WDR) permit (see Section XIII of the NOI).

Change of Information

If the information provided on the NOI or site map changes, you should report the changes to the State Water Board using an NOI form. Section I of the line-by-line instructions includes information regarding changes to the NOI.

Questions

If you have any questions completing the NOI, please call the appropriate Regional Water Board (Attachment 2) or the State Water Board at (916) 657-0919.

NOI LINE-BY-LINE INSTRUCTIONS

Please type or print your responses on the NOI. Please complete the NOI form in its entirety and sign the certification.

Section I--NOI STATUS

Check box "A" if this is a new NOI registration.

Check box "B" if you are reporting changes to the NOI (e.g., new contact person, phone number, mailing address). Include the facility WDID #. Highlight all the information that has been changed.

Please note that a change of information **does not** apply to a change of facility operator or a change in the location of the facility. These changes require a Notice of Termination (NOT) and submittal of a new NOI and annual fee. Contact the State Water Board or Regional Water Boards for more information on the NOT Form and instructions.

Regardless of whether you are submitting a new or revised NOI, you must complete the NOI in its entirety and the NOI must be signed.

Section II--Facility Operator Information

Part A: The facility operator is the legal entity that is responsible for all permit related compliance activities at the facility. In most cases, the facility operator is the owner of the business or operation where the industrial activity occurs. Give the legal name and the address of the person, firm, public organization, or any other entity that is responsible for complying with the General Permit.

Part B: Check the box that indicates the type of operation.

Section III--Facility Site Information

Part A: Enter the facility's official or legal name and provide the address. Facilities that do not have a street address must provide cross-streets or parcel numbers. Do not include a P.O. Box address in Part A.

Part B: Enter the mailing address of the facility if different than Part A. This address may be a P.O. Box.

The contact person should be the plant or site manager who is familiar with the facility and responsible for overseeing compliance of the General Permit requirements.

Part C: Enter the total size of the facility in either acres or square feet. Also include the percentage of the site that is impervious (areas that water cannot soak into the ground, such as concrete, asphalt, and rooftops).

Part D: Determine the Standard Industrial Classification (SIC) code which best identifies the industrial activity that is taking place at the facility. This information can be obtained by referring to the Standard Industrial Classification Manual prepared by the Federal Office of Management and Budget which is available at public libraries. The code you determine should identify the industrial activity that requires you to submit the NOI. (For example, if the business is high school education and the activity is school bus maintenance, the code you choose would be bus maintenance, not education.) Most facilities have only one code; however, additional spaces are provided for those facilities that have more than one activity.

Part E: Identify the title of the industrial activity that requires you to submit the NOI (e.g., the title of SIC Code 2421 is Sawmills and Planing Mills, General). If you cannot identify the title, provide a description of the regulated activity(s).

Section IV--Address for Correspondence

Correspondence relative to the permit will be mailed occasionally. Check the box which indicates where you would like such correspondence delivered. If you want correspondence sent to another contact person or address different than indicated in Section II or Section III then include the information on an extra sheet of paper.

Section V--Billing Address Information

To continue coverage under the General Permit, the annual fee must be paid. Use this section to indicate where the annual fee invoices should be mailed. Enter the billing address if different than the address given in Sections II or III.

Section VI--Receiving Water Information

Provide the name of the receiving water where storm water discharge flows from your facility. A description of each option is included below.

1. Directly to waters of the United States: Storm water discharges directly from the facility to a river, creek, lake, ocean, etc. Enter the name of the receiving water (e.g., Boulder Creek).

2. Indirectly to waters of the United States: Storm water discharges over adjacent properties or right-of-ways prior to discharging to waters of the United States. Enter the name of the closest receiving water (e.g., Clear Creek).

Section VII--Implementation of Permit Requirements

Parts A and B: Check the boxes that best describe the status of the Storm Water Pollution Prevention Plan (SWPPP) and the Monitoring Program.

Part C: Check yes or no to questions 1 through 4. If you answer no to any question, you need to assign a person to these tasks immediately.

As a permit holder you are required to have an SWPPP and Monitoring Program in place prior to the beginning of facility operations. Failure to do so is in direct violation of the General Permit. Do not send a copy of your SWPPP with your NOI submittal.

Please refer to Sections A and B of the General Permit for additional information regarding the SWPPP and Monitoring Program.

Section VIII--Regulatory Status

In some instances, the facility may be covered under another permit from the State Water Board. If there is a current NPDES or WDR permit for the facility, list the permit number in the space provided (e.g., NPDES Permit CA0000123, WDR No. 96-960). You will not be required to pay the annual fee for the General Permit if you are already paying a fee for an NPDES or WDR permit. If the facility is not covered under a State Water Board permit, then skip to Section IX.

Section IX--Site Map

Provide a "to scale" drawing of the facility and its immediate surroundings. Include as much detail about the site as possible. At a minimum, indicate buildings, material handling and storage areas, roads, names of adjacent streets, storm water discharge points, sample collection points, and a north arrow. Whenever possible limit the map to a standard size sheet of paper (8.5" x 11" or 11" x 17"). **Do not send blueprints** unless you are sending one page and it meets the size limits as defined above.

A location map may also be included, especially in cases where the facility is difficult to find, but are not to be submitted as a substitute for the site map. The location map can be created from local street maps and U.S. Geological Survey (USGS) quadrangle maps, etc.

A revised site map must be submitted whenever there is a significant change in the facility layout (e.g., new building, change in storage locations, boundary change, etc.).

Section X--Certification

This section should be read by the facility operator. The certification provides assurances that the NOI and site map were completed by the facility

operator in an accurate and complete fashion and with the knowledge that penalties exist for providing false information. It also requires the Responsible Party to certify that the provisions in the General Permit will be complied with.

The NOI must be signed by:

For a Corporation: a responsible corporate officer (or authorized individual).

For a Partnership or Sole Proprietorship: a general partner or the proprietor, respectively.

For a Municipality, State, or other non-Federal Public Agency: either a principal executive officer or ranking elected official.

For a Federal Agency: either the chief or senior executive officer of the agency.

AREAS OF THE STATE WHERE THE $250.00 ANNUAL FEE APPLIES

Alameda County: Except *MIDWAY*

Contra Costa County: Except for the city of *BRENTWOOD*

El Dorado County: The area which drains into LAKE TAHOE

Fresno County: The cities of *CLOVIS* and *FRESNO* (and incorporated islands within the Fresno/Clovis area)

Kern County: The city of *BAKERSFIELD*

Los Angeles County: Except the cities of *AVALON, LANCASTER, PALMDALE; and areas with zip codes 93523, 93534, 93535, 93536, 93543, 93544, 93550, 93551, 93553, 93560, and 93563*

Orange County

Placer County: The area which drains into *Lake Tahoe*

Riverside County: The cities of *AGUANGA, ALBERHILL, ANZA, BANNING, BEAUMONT, CAHUILLA, CALIMESA, CANYON LAKE, CATHEDRAL CITY, CHERRY VALLEY, CHINO, COACHELLA, COLTON, CORONA, DESERT HOT SPRINGS, EDGEMONT, ELSINORE, GILMAN HOT SPRINGS, HEMET, HIGHGROVE, HOMELAND, IDYLLWILD, INDIAN WELLS, INDIO, LA QUINTA, LAKE ELSINORE, LAKELAND VILLAGE, LAKEVIEW, MENIFEE, MIRA LOMA, MORENO, MORENO VALLEY, MOUNTAIN CENTER, MURRIETA, NORCO, NUEVO, PALM DESERT, PALM SPRINGS, PEDLEY, PERRIS, RANCHO MIRAGE, REDLANDS, RIVERSIDE, ROMOLAND, RUBIDOUX, SAGE, SAN JACINTO, SUN CITY, SUNNYMEAD, TEMECULA, THOMAS MTN, WILDOMAR, WINCHESTER, WOODCREST, and VALLE VISTA*

Sacramento County: Except for the city of *ISLETON*

San Bernardino County: The cities of *ALTA LOMA, ANGELUS OAKS, BIG BEAR CITY, BIG BEAR LAKE, BLOOMINGTON, CAJON JUNCTION, CAMP ANGELUS, CHINO, CHINO HILLS, COLTON, CORONA, CUCAMONGA, DEVORE, EAST HIGHLANDS, ETIWANDA, FAWNSKIN, FONTANA, FOREST FALLS, GRAND TERRACE, GUASTI, HIGHLAND, LOMA LINDA, LOS SERRANOS, LYTLE CREEK, MENTONE, MONTCLAIR, MT. BALDY, MUSCOY, NORCO, ONTARIO, POMONA, RANCHO CUCAMONGA, REDLANDS, RIALTO, RUNNING SPRINGS, SAN BERNARDINO, SEVEN OAKS, UPLAND, and YUCAIPA*

San Diego County: Except for the cities of *AGUA CALIENTE SPRINGS, BORREGO, BORREGO SPRINGS, BOULEVARD, DESERT SHORES, DOS CABEZAS, JACUMBA, JULIAN, MOUNTAIN SPRING, OCOTILLO WELLS, and SAN FELIPE*

San Joaquin County: The city of *STOCKTON*

San Mateo County: All areas of the county

Santa Clara County: Except for the cities of *BELL STATION, BOLDER CREEK, GILROY, HOLLISTER, MORGAN HILL, SAN FELIPE, SAN MARTIN, SARGENT, and SVEADAL*

Solano County: The cities of *FAIRFIELD and SUISUN CITY*

Stanislaus County: The city of *MODESTO*

Ventura County: The cities of *CAMARILLO, FILLMORE, MOORPARK, OJAI, OXNARD, PORT HUENEME, SAN BUENAVENTURA, SANTA PAULA, SIMI VALLEY, and THOUSAND OAKS*

State of California
State Water Resources Control Board

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH **INDUSTRIAL ACTIVITY** (WQ ORDER No. 97-03-DWQ)
(*Excluding Construction Activities*)

CTION I. NOI STATUS (please check only one box)

[ ] New Permittee B. [ ] Change of Information WDID # |___|___|___|___|___|___|___|___|___|___|___|

CTION II. FACILITY OPERATOR INFORMATION (See instructions)

NAME: | Phone: |___|___| -- |___|___| -- |___|___|___|___|

ailing Address:

ty: | State : | Zip Code: |___|___|___|___|___| -- |___|___|___|___|

ontact Person:

OPERATOR TYPE:
(*check one*) 1.[ ] Private 2.[ ]City 3.[ ]County 4.[ ]State 5.[ ]Federal 6.[ ]Special District 7.[ ] Gov. Combo

CTION III. FACILITY SITE INFORMATION

FACILITY NAME | Phone: |___|___| -- |___|___| -- |___|___|___|___|

acility Location: | County:

ty: | State : C I A | Zip Code: |___|___|___|___|___| -- |___|___|___|___|

MAILING ADDRESS:

ty: | State : | Zip Code: |___|___|___|___|___| -- |___|___|___|___|

ontact Person:

FACILITY INFORMATION (check one)
otal Size of Site: |___|___|___|___|___|___| Acres [ ] Sq. Ft. [ ]

Percent of Site Impervious (*including rooftops*) |___|___|___| %

D. SIC CODE(S) OF REGULATED ACTIVITY:

1. |__|__|__|__|

2. |__|__|__|__|

E. REGULATED ACTIVITY (*describe each SIC code*):

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

FOR STAT

SE ONLY:

:TION IV. ADDRESS FOR CORRESPONDENCE

| Facility Operator Mailing Address (Section II) || Facility Mailing Address (Section III, B.) |_|
th

:TION V. BILLING ADDRESS INFORMATION

ND BILL TO: [ ]Facility Operator Mailing Address (Section II) [ ]Facility Mailing Address (Section III, B.) [
:her (*enter information below*)

me: Phone:

iling Address:

y: State : Zip Code:

ntact Person:

:TION VI. RECEIVING WATER INFORMATION

ur facility's storm water discharges flow: (*check one*) [ ] Directly OR [ ] Indirectly to waters of the
ited States.

me of receiving water: _____
(river, lake, stream, ocean, etc.)

:TION VII. IMPLEMENTATION OF PERMIT REQUIREMENTS

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (*check one*)
A SWPPP has been prepared for this facility and is available for review.
A SWPPP will be prepared and ready for review by (enter date): ____/____/____.

MONITORING PROGRAM (check one)
A Monitoring Program has been prepared for this facility and is available for review.
A Monitoring Program will be prepared and ready for review by (enter date): ____/____/____.

PERMIT COMPLIANCE RESPONSIBILITY
Has a person been assigned responsibility for:
1. Inspecting the facility throughout the year to identify any potential pollution problems? ..... ____YES ____NO
2. Collecting storm water samples and having them analyzed? ..... ____YES ____NO
3. Preparing and submitting an annual report by July 1 of each year? ..... ____YES ____NO

:TION VIII. REGULATORY STATUS (*Go to Section IX if not applicable*)

WASTE DISCHARGE REQUIREMENT ORDER NUMBER: _____ B. NPDES PERMIT CA _____

:TION IX. SITE MAP

AVE ENCLOSED A SITE MAP YES[ ] A new NOI submitted without a site map will be rejected.

:TION X. CERTIFICATION

'I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering he information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan, will be complied with."

Printed Name: _____

Signature: _____ Date _____

Title: _____

DEFINITIONS

1. "Best Management Practices" ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment measures, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. BMPs may include any type of pollution prevention and pollution control measure necessary to achieve compliance with this General Permit.

2. Clean Water Act (CWA) means the Federal Water Pollution Control Act enacted by Public Law 92-500 as amended by Public Laws 95-217, 95-576, 96-483, and 97-117; 33 USC. 1251 et seq.

3. "Facility" is a collection of industrial processes discharging storm water associated with industrial activity within the property boundary or operational unit.

4. "Non-Storm Water Discharge" means any discharge to storm sewer systems that is not composed entirely of storm water.

5. "Significant Materials" includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of Comprehensive Environmental Response, Compensation, and Liability Act (CERLCA); any chemical the facility is required to report pursuant to Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA); fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have the potential to be released with storm water discharges.

6. "Significant Quantities" is the volume, concentrations, or mass of a pollutant that can cause or threaten to cause pollution, contamination, or nuisance; adversely impact human health or the environment; and/or cause or contribute to a violation of any applicable water quality standards for the receiving water.

7. "Significant Spills" includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the CWA (see 40 CFR 110.10 and 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).

8. "Storm water" means storm water runoff, snow melt runoff, and storm water surface runoff and drainage. It excludes infiltration and runoff from agricultural land.

9. "Storm Water Associated with Industrial Activity" means the discharge from any conveyance which is used for collecting and conveying storm water and which is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program. For the facilities identified in Categories 1 through 9 of Attachment 1 of this General Permit, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials; manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process wastewaters (as defined at 40 CFR Part 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water.

   For the facilities identified in Category 10 of Attachment 1 of this General Permit, the term only includes storm water discharges from all areas listed in the previous sentence where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery <u>are exposed to storm water</u>.

   Material handling activities include the: storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product, or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are federally, State, or municipally owned or operated that meet the description of the facilities listed in this paragraph) include those facilities designated under 40 CFR 122.26(a)(1)(v).

ACRONYM LIST

BAT	Best Available Technology Economically Achievable
BCT	Best Conventional Pollutant Control Technology
BMPs	Best Management Practices
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Federal Superfund)
CFR	Code of Federal Regulations
CWA	Clean Water Act
General Permit	General Industrial Activities Storm Water Permit
GMP	Group Monitoring Plan
NEC	No Exposure Certification
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
O&G	Oil and Grease
RCRA	Resource, Conservation, and Recovery Act
Regional Water Board	Regional Water Quality Control Board
RQ	Reportable Quantity
SARA	Superfund Amendments and Reauthorization Act of 1986
SIC	Standard Industrial Classification
SMCRA	Surface Mining Control and Reclamation Act
SPCC	Spill Prevention Control and Countermeasures
State Water Board	State Water Resources Control Board
SWPPP	Storm Water Pollution Prevention Plan
TOC	Total Organic Carbon
TSS	Total Suspended Solids
U.S. EPA	U.S. Environmental Protection Agency
WDID	Waste Discharger Identification
WDRs	Waste Discharge Requirements

APPENDIX B

TENANT LIST AND INFORMATION

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
6 Harbor Way #131	Santa Barbara Drydock	(aka, Rob's dry dock) Maintenance shop where materials are kept and most work is done has been roofed. One boat at a time is worked on, paint, some sanding or buffing. Dust control in the form of tarps is put in place on windy days, no work on rainy days. Small amount of materials (paint, thinner, kerosene stored onsite in a locker. Pressure hose to wash boats, no soap or heat. (8/14/97 site visit)	Yes	Yes
107 Harbor Way	Breakwater Restaurant	No restaurant maintenance outside of the building. (8/13/97, by tel.; confirmed 7/2000 by mail [response to survey letter])	No	No
111 Harbor Way	U.S. Coast Guard	Marine Safety Division, also boat in harbor. Office building, no outside maintenance. Two storage lockers outside of building for paints, solvents, lubricants, and other general maintenance materials.	No	Yes
113 Harbor Way #150	NOAA	Offices, building under reconstruction in 1997, assume no outside maintenance or storage. Construction completed prior to 2000 Annual Report, no outside storage or maintenance observed during inspections once construction was completed. Survey letter sent 7/2000 – no response.	No	No
113 Harbor Way #300	Outdoors Santa Barbara Visitors Center	Assume no outside storage or maintenance, none observed during routine inspections conducted for Annual Reports. Survey letter sent 7/2000 – no response.	No	No
113 Harbor Way #180	Waterfront Grill	Assume no outside storage or maintenance, none observed during routine inspections conducted for Annual Reports. Survey letter sent 7/2000 – no response.	No	No
113 Harbor Way #190	Santa Barbara Maritime Museum	Under reconstruction in 1997. Assume no outside storage or maintenance, none observed during routine inspections conducted for Annual Reports. Survey letter sent 7/2000 – no response.	No	No
116 Harbor Way	Maintenance Yard	Hazardous materials stored in fire-resistant lockers; spill kit present, yard is swept and occasionally hosed (non-storm water discharge) (site visit 8/11/97)	Yes	Yes
117 A Harbor Way	Harbor Tackle	Nothing stored or washed outside the building. Equipment is wiped off and clothes disposed of in the trash. (8/13/97, by tel.) Assume no outside storage or maintenance, none observed during routine inspections conducted for Annual Reports. Survey letter sent 7/2000 – no response.	No	No
117 B Harbor Way	Paddle Sports	Kayak rental, use potable water to rinse off boats (no soap). (8/13/97, by tel.)	Yes	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
117 D Harbor Way	Maintenance Department	Hazardous materials stored in fire –resistant lockers; spill kit present, yard is swept and occasionally hosed (non-storm water discharge) (site visit 8/11/97).	Yes	Yes*
117 E Harbor Way	Minnow Cafe	No outside water use, mats are swept outside, sent out weekly for cleaning. Other cleaning done inside restaurant. (8/13/97, by tel.)	No	No
117 G Harbor Way	Transpac Marine	Hardware store, no outside storage or cleaning. (8/13/97, by tel.)	No	No
117 F Harbor Way	Santa Barbara Fishermen's Market	Fresh fish sales, only maintenance done inside building, drains go to municipal sewer system, have in the past periodically dumped excess water and ice in the storm drain and rinsed receptacles. (8/21/97, by tel.)	Yes	No
118 Harbor Way	Santa Barbara Sailing Club	Boat storage (site visit 8/19/97), assume storage only, no boat maintenance (no response to survey letter or tel.)	No	No
119 B Harbor Way	Deli Sushi Go Go	Small deli and restaurant, some floor and mat washing water goes into storm drains outside of building. (Site visit 8/14/97, no response to survey letter or tel.)	Yes	Yes
119 A Harbor Way 119 D Harbor Way	Brophy Brothers Restaurant	Large restaurant operation on 2nd floor of building. Mat washing is outside of building on platform, wash water goes into storm drainage system. Trash bin is outside of building adjacent to storm culvert. Trash area is generally orderly and trash bins kept closed (observations during routine inspections for Annual Report). Also, used kitchen grease is stored on the side of the building within trash area adjacent to the location of the culvert. Grease containers are exposed to rain or runoff. (Information updated 7/2000 based on observations during inspections. Survey letter sent 7/2000 – no response.)	Yes	Yes
119 C Harbor Way	Breakwater T's	Retail shop (tee-shirts), no outside storage or maintenance (8/13/97, tel.)	No	No
121 Harbor Way City Pier	Union / Tosco Fuel Dock	Boat fueling operation. 40,000 gal. total fuel capacity in 4 underground tanks located onshore near 125 Harbor Way. Also, lube oil, waste oil, motor oil and batteries. Facility has spill plan, Workplace Health and Safety Compliance Manual, Emergency Procedures are posted. (8/21/97 site visit)	No	Yes
123 Harbor Way	Ice Machine	Machinery is enclosed above the pier, insulated roof, lined floor. Ice is dispensed from above into vessels in the water. (8/21/97 site visit)	Yes	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
122 Harbor Way	Harbor Marine Works (boat yard)	Boat yard, boat cleaning and maintenance operations. Small inventory of materials kept in storage lockers (5 – 15 gallons per 7/2000 survey). Vacuum sanders used to control dust. Twelve to 15 boats plus three lots for do-it-yourselfers. Surface work only, engine work done in harbor (boats need to be in the water). Use pump for oil changes, waste oil goes to on-site collection centers. No fuel or bulk oil on site. Good housekeeping rules for do-it-yourselfers. (8/19/97 site visit). Debris collected by vacuum extraction systems, sweeping, and storm drain filter (per 7/2000 survey).	Yes	Yes
125 Harbor Way #14, #15	Brophy Brothers Office (#14) Brophy Brothers Mercantile (#15)	Office, no outside storage or maintenance. (8/13/97, tel.)	No	No
125 Harbor Way #10	Seacoast Yacht Sales	Sales office, no outside storage or maintenance (8/13/97, tel.)	No	No
125 Harbor Way #12	McCormix Fuel Station	Three businesses (8/14/97 tel.) Business office of Bob Meyer, Fuel Dock operator (2000).	No	No
125 Harbor Way #13	Sunset Kidd Sailing Charters	Sales office, no outside storage or maintenance (8/13/97, tel.)	No	No
125 Harbor Way #21	Channel Crossings	Channel Crossings, publishing, no outside storage or maintenance (questionnaire returned by Fax 8/11/97).	No	No
125 Harbor Way #3	The Chandlery	Marine supply store, no outside storage or maintenance. (8/8/97, response to questionnaire, Robert Kieding, by FAX).	No	No
125 Harbor Way #4	The Chandlery	Marine supply store, no outside storage or maintenance. (8/8/97, response to questionnaire, Robert Kieding, by FAX).		
125 Harbor Way #5	The Chandlery	Marine supply store, no outside storage or maintenance. (8/8/97, response to questionnaire, Robert Kieding, by FAX).	No	No
125 Harbor Way #6	Harbor Mail Center	Office, no outside storage or maintenance. (8/13/97, by tel.)	No	No
125 Harbor Way #7	Oceanaire Electronics	Electronics supply, no outside storage or maintenance. (8/8/97, questionnaire returned by fax, Doug Chessmore)	No	No
125 Harbor Way #8	Harbor Market	Crates are stored outside, use hose (potable water) to rinse off crates and sometimes spray off sidewalk. (8/13/97, by tel.)	Yes	No
125 Harbor Way #13	Sunset Kidd Yacht Sales	Yacht charter and sales office. (Information updated 5/2007 based on observations during inspections).	No	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
130 Harbor Way	Santa Barbara Yacht Club	No maintenance or storage outside building. Boat yard is storage only, no maintenance allowed. (8/28/97, by tel.)	No	No
132-C Harbor Way	West Marine Products, Inc.	Marine supply store, no outside storage or maintenance. (8/8/97, response to questionnaire, Robert Kieding, by FAX).	No	No
133 Harbor Way	Santa Barbara Boat Rentals	Assume boat rental operations include rinsing of boats in harbor. Survey letter sent 7/2000 – no response.	Yes	Yes*
134 Harbor Way	Santa Barbara Youth Foundation	Sailing club, boats kept in marina.	Yes	No
305 W. Cabrillo	Boat Launch Mini Mart	No outside maintenance activities or storage. (Site visit 8/14/97, questionnaire returned by mail, not received.) Survey letter sent 7/2000 – no response.	No	No
307 Shoreline Drive	La Marina Laundry	Laundry facilities. No storage outside building. (Information based on annual report inspections, 5/2007)	No	No
301 W. Cabrillo Blvd.	Sea Landing	Boats (rental, charters, cruises, etc.). Boats rinsed with fresh water, no other marine or storage outside building. (8/13/97 by phone)	Yes	Yes*
210 Stearns Wharf	Harbor Restaurant	Restaurant operation on Stearns Wharf. Mat washing is outside of building in trash enclosure area; wash water goes through pier into ocean. Tenant is working with Wharf staff to contain non-stormwater discharge. Trash area is generally orderly and trash bins kept closed (observations during routine inspections for Annual Report). Also, used kitchen grease is stored on the side of the building within trash area. (Information updated 5/2007 based on observations during inspections).	Yes	Yes
217-A Stearns Wharf	Old Wharf Trading Co.	General merchandise store. (Information updated 5/2007 based on observations during inspections).	No	No
217-C Stearns Wharf	Nature's Own	A jewelry store specializing in shells and other items from the sea. (Information updated 5/2007 based on observations during inspections).	No	No
217-D Stearns Wharf	Topside	Clothing store. (Information updated 5/2007 based on observations during inspections).	No	No
217-E Stearns Wharf	Coastal Treasures	General merchandise gift shop. (Information updated 5/2007 based on observations during inspections).	No	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
217-G Stearns Wharf	Stearns Wharf Vintners	Wine store serving wine and snacks. (Information updated 5/2007 based on observations during inspections).	No	No
219-A Stearns Wharf	Great Pacific Ice Cream Co.	Ice cream shop. (Information updated 5/2007 based on observations during inspections).	No	No
219-B Stearns Wharf	Mother Stearns Candy	Candy and gift store. (Information updated 5/2007 based on observations during inspections).	No	No
219-C Stearns Wharf	Devil & the Deep Blue Sea	General merchandise store. (Information updated 5/2007 based on observations during inspections).	No	No
219-G Stearns Wharf	Captain Don's Cruises	Small kiosk where tickets for ocean touring cruises disembark. (Information updated 5/2007 based on observations during inspections).	No	No
220 Stearns Wharf	Moby Dick Restaurant	Restaurant operation on Stearns Wharf. Mat washing is outside of building in trash enclosure area; wash water is contained and collected into the city sewer system. Trash area is generally orderly and trash bins kept closed (observations during routine inspections for Annual Report). Used kitchen grease is stored on the side of the building within trash area. (Information updated 5/2007 based on observations during inspections).	Yes	No
221-B Stearns Wharf	Madame Rosinka	Palm reading boutique. (Information updated 5/2007 based on observations during inspections).	No	No
221 Stearns Wharf	Char West	Small restaurant operation on Stearns Wharf. No washdown area, trash enclosure is well maintained. Used kitchen grease is stored within trash area. (Information updated 5/2007 based on observations during inspections).	No	No
232 Stearns Wharf	Stearns Wharf Bait & Tackle	Bait and tackle shop for local fishing supplies. (Information updated 5/2007 based on observations during inspections).	No	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
230 Stearns Wharf	Santa Barbara Shellfish	Restaurant operation on Stearns Wharf. Mat washing is outside of building in trash enclosure area; wash water is contained and collected into the city sewer system. Trash area is generally orderly and trash bins kept closed (observations during routine inspections for Annual Report). Used kitchen grease is stored within trash area. (Information updated 5/2007 based on observations during inspections).	Yes	No
Sea Landing	Marine Mammal Center	Boat, marine mammals are picked up and transported to a medical facility or treatment area.	Yes	No
Sea Landing	Santa Barbara Jet Boats	Wash equip.. use biodegradable boat wash, ½ gal/month (8/13/97, tel.). Survey letter sent 7/2000 – no response.	Yes	Yes*
Sea Landing Groin	Santa Barbara Seashells	Sailing club for kids, boats only, (per K. Elmes)	Yes	Yes*
Sea Landing Groin	U.C. Santa Barbara	Sailing Facility. Boats and boat equipment only. Boats assumed to be rinsed with fresh water. No maintenance or outside storage of materials is expected, similar to Seashells sailing program.	Yes	Yes*
Cabrillo Landing	SUHAC	Group of fishing boats in Marina 4 (per K. Elmes)	Yes	Yes*
Marina	Slips, moorings	Commercial and recreation boats kept in Harbor, 1,133 slips total. Spigots and hoses supply fresh water for boat and equipment rinsing/washing.	Yes	Yes*
	SAIC MariPro (slip)	Boat kept at Marina 4	Yes	Yes*
Others	Public and tenant rest rooms	Two floating restrooms are present at Marina One. Other rest/shower rooms are present adjacent to the parking lots at the entrance to Marinas 2, 3, and 4. The restrooms are all enclosed with drainage connected to the local sewage system.	No	No
	Waste Oil Collection centers	Located near rest room at Marina 2 and Marina 4, hold 255 gallons. Black Gold (981-4616) waste oil pick-up - no written specs, truck holds 2,000 gal., employees are trained and transference of oil is watched constantly. (8/13/97 by tel., Jody). Collection areas are covered with permanent overhead structures	No	Yes
	Landscaping, City Parks and Recreation	Reclaimed water used conservatively, fertilizer and Round-up® used according to manufacturer's recommendations. Products break down fast, no residual, little run-off of irrigation water. (Glenn Dacola, 8/7/97 by telephone 564-5457). Irrigation run-off is an authorized non-storm water discharge per General Permit conditions D.1.a.	No	No

Appendix B. List of Tenants by Location and Information About Harbor Operations

Location/Building	*Tenant(s)*	*Survey Notes*	*Non-Stormwater Discharge*	*Source of Pollutants*
	Boat Launch Area	Located near the west end of the Harbor parking lot near the Sea Landing access road. Approximately 16,500 launchings per year take place here (City of Santa Barbara 1996).	No	Yes
	Beach Area	Boat (catamaran) storage	No	No
Note: * Source of pollutants is small quantities of soap or disinfectant for potential boat or equipment washing.				

APPENDIX C

SITE MAPS

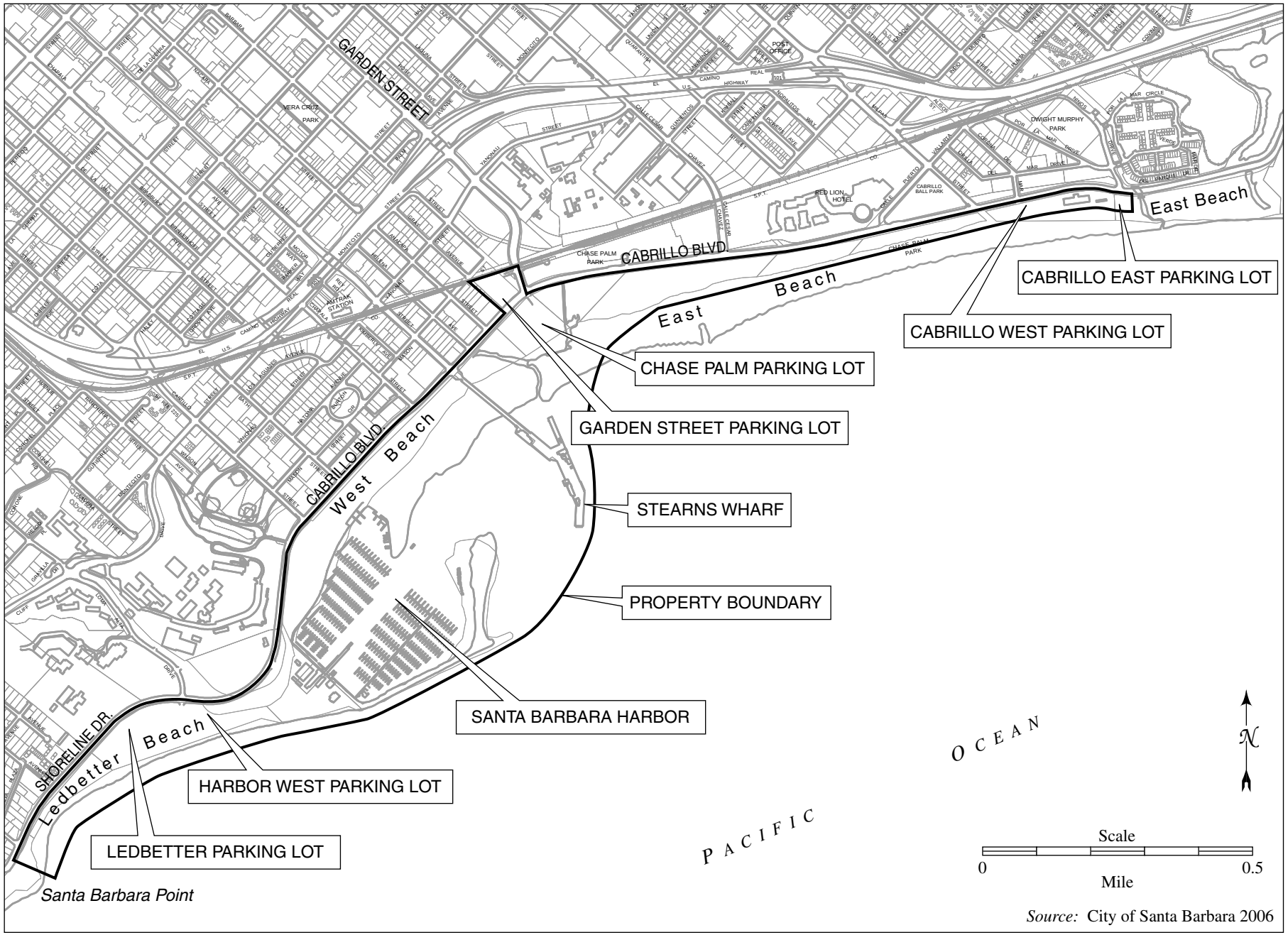


Figure C-1. Areas Covered by the Santa Barbara Harbor Storm Water Pollution Prevention Plan

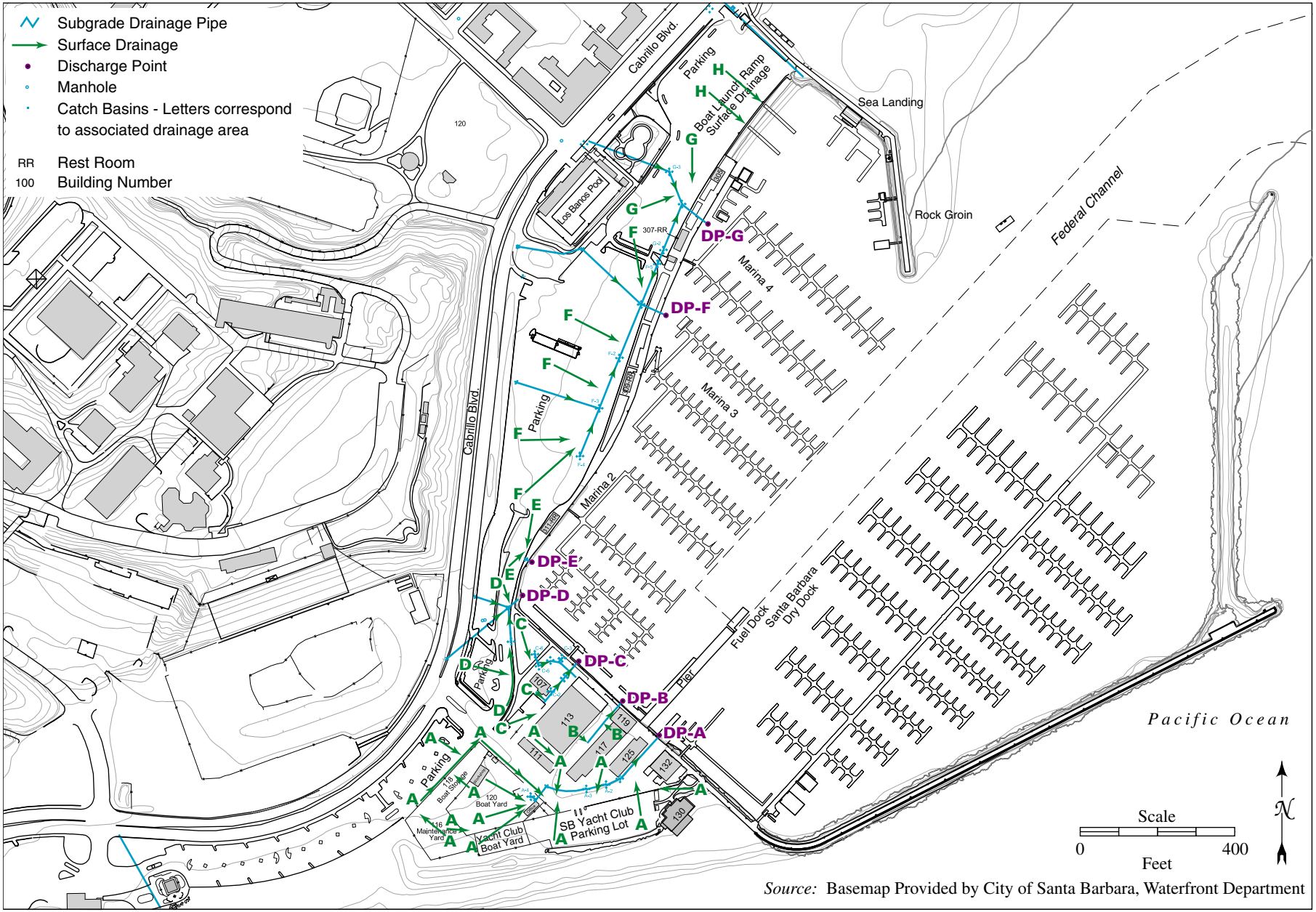


Figure C-2. Drainage Patterns at the Santa Barbara Harbor

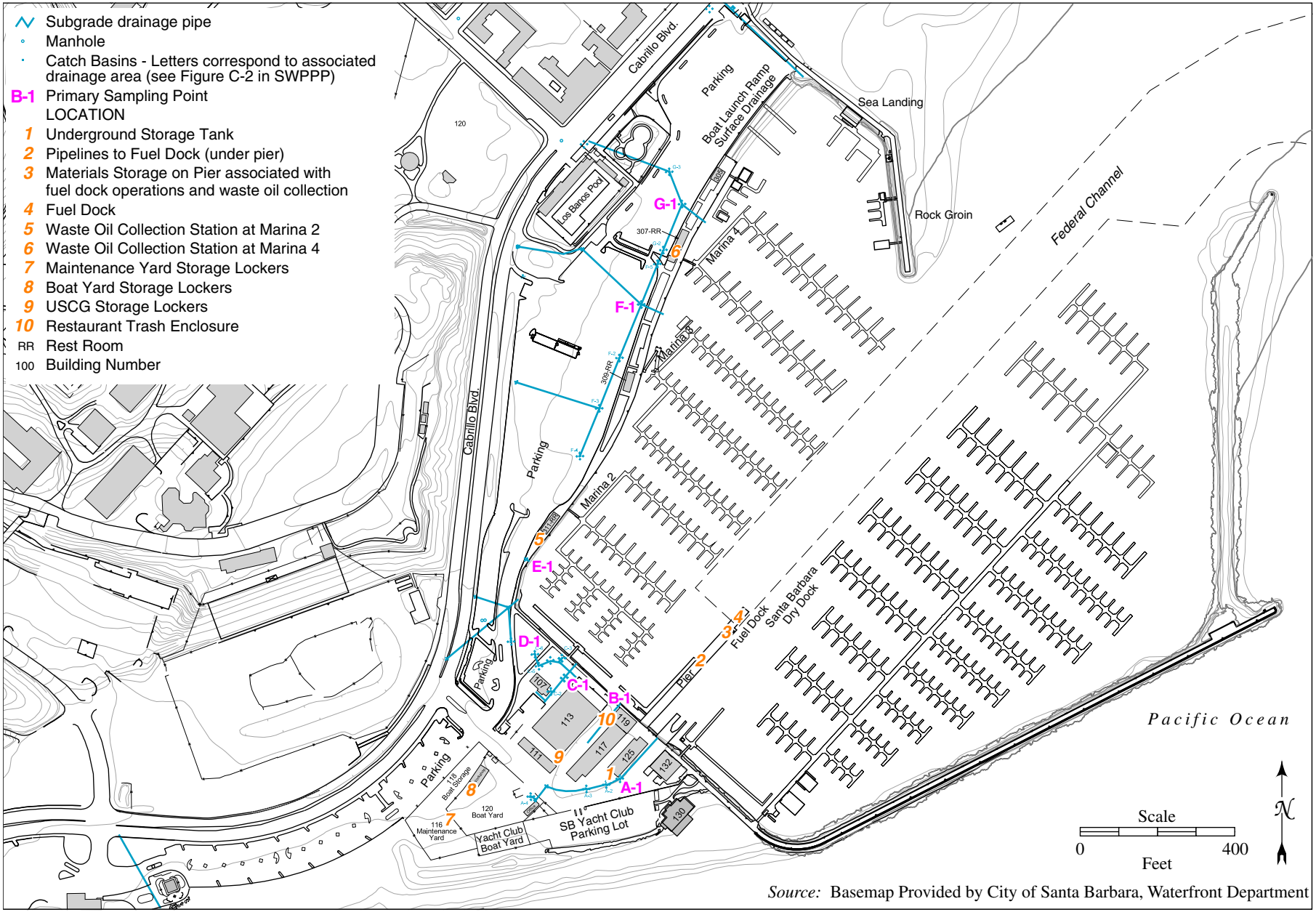


Figure C-3. Locations of Sampling Points, Materials Storage, and Potential Non-Storm Water Discharges for the Santa Barbara Harbor

APPENDIX D

FUEL DOCK OPERATIONS ADDITIONAL INFORMATION

UNOCAL 76

Spill Response Plan

Unit : 300704
Union Marine Station / Bob Meyer
Breakwater 13
Santa Barbara, CA 93109

For Minor Releases:
If the release is small enough that the station personnel can contain the release immediately (and the release does not leave the site or enter any waterway), do the following:

1. Turn off the source of the spill. (i.e. turn off dispensers, pump, etc.)
2. Contain with absorbent material, making sure that the release does not leave the site or enter any drains.
3. Clean up released material with absorbent material.
4. Notify local agency:
   Santa Barbara County, EHS
   Phone : 805-681-4949
5. Placed used absorbent material into an approved container.
6. For proper disposal of used absorbent, the dealer or designated employee will contact a licensed waste hauler to dispose of the material in accordance with all applicable federal, state and local regulations.
7. Call Unocal's leak reporting hotline at 1-(800)-955-LEAK.

For Major Releases or breach in secondary containment:
If the release is greater than 25 gallons, or threatens to leave the site or enter a waterway , or there is an injury , do the following:

1. Turn off the source of the spill. (i.e. turn off dispensers, pump, etc.)
2. Evacuate customers, asking them to leave by foot.
3. Call the Fire Department: 9 1 1 (if necessary)
4. All employees evacuate the premises.
5. Employees are to meet at a designated emergency assembly area.
6. Station dealer or manager to account for employees and any known customers at meeting place.
7. Dealer or manager should remain in the vicinity to provide information to the fire department, etc.
8. Notify:
   Local Agency : Santa Barbara County, EHS Phone : 805-681-4949
   Business Operatons Manager
   Maintenance : Unocal Maintenance Department - 1(800)723-7600
   Unocal Leak Hotline: 1-(800)-955-LEAK
9. Attempt to contain with absorbent material, attempting to prevent the release from leaving the site or entering any drains.
10. In California, call the Office of Emergency Services at 1 (800) 852-7550.
11. The secondary containment will be cleaned up within 30 days. Unocal's Corporate Environmental Remediation Technology Group (CERT) will investigate and hire an independent contractor to conduct proper waste disposal.

HAZARDOUS MATERIALS UNIFIED PROGRAM

HAZARDOUS MATERIALS DISCLAIMER

for CA Health & Safety Code, Chapter 6.95

ID #

Business Name: Unocal Marine Station #300704 Phone: 805-962-7186

Site Address: Harbor Way at the Breakwater (Street) Santa Barbara / CA / 93109 (City/State/Zip Code)

Mailing Address: P.O. Box 661 (Street) San Luis Obispo, ca 93406 (City/State/Zip Code)

COMPLETE SECTIONS A AND B (if submitting a Business Plan, complete only Section B):

A. HAZARDOUS MATERIAL/WASTE [Check appropriate statement(s)]:

- ☐ 1. This business does not store, use, or handle any hazardous material or hazardous waste in any amount.
- ☐ 2. This business does not store, use, or handle any hazardous materials or hazardous waste at any one time during a calendar year in quantities equal to or greater than 55 gallons, 500 pounds, or 200 cubic feet of a compressed gas at standard temperature and pressure.
- ☐ 3. This business does not store, use, or handle any hazardous material in any amount above the increased threshold reporting levels as provided by either state or local exemptions. Contact your local fire agency for a list of hazardous materials in this category.
- ☒ 4. This business does not store, use, or handle any hazardous materials in any amount other than quantities packaged solely for direct distribution as a consumer product to the general public.
- ☐ 5. This business does not store, use, or handle any hazardous material in any amount other than quantities contained in a rail car, rail tank car, rail freight container, marine vessel, or marine freight container for no more than 30 days. We will immediately notify the local fire agency of their arrival.
- ☐ 6. This business does not store, use, or handle any hazardous material other than those under shipping orders while in transit and not maintained in a fixed facility for more than 30 days while in the course of transportation.

NOTE: If none of the above apply and you have hazardous material/waste, you must complete and submit a Hazardous Materials Disclosure Business Plan.

B. ACUTELY (EXTREMELY) HAZARDOUS MATERIAL (Check appropriate statement):

- ☒ This business does not store, use, or handle any acutely/extremely hazardous materials or any mixture containing an acutely/extremely hazardous materials in any amount.
- ☐ This business ☐ has submitted ☐ will submit an acutely hazardous material registration form.

NOTE: If you have any acutely (extremely) hazardous Material, you must complete and submit the Owner/ Operator Identification form and the Chemical Inventory form.

Under penalty of law, I declare that the information is true and correct and understand that Santa Barbara County Hazardous Materials Unit and the local fire agency must be notified if the operations or procedures of this business change in such a way to make the above statement inaccurate.

Signature: Robert Gray Date: 6-26-97

Print or type name: Robert Gray

Title: Phone: 805-962-7186

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNIFIED PROGRAM
California Business & Owner/Operator Identification Page

ENDAR YEAR BEGINNING (1)	7/1/96	ENDING (2)	7/1/97	(3) PAGE 1 OF	7
USINESS NAME (4)	Unocal Marine Station #300704	BUSINESS PHONE:(5)	805-962-7186		
ITE ADDRESS (6)	Harbor Way at the Breakwater				
ITY (7)	Santa Barbara	STATE (8)	CA	ZIP (9)	93109
UN & RADSTREET (10)	92-931-3872	SIC CODE (4 DIGIT#) (11)	5541		
PERATOR AME (12)	Bob Myer	OPERATOR PHONE (13)	805-962-7186		

OWNER INFORMATION

WNER NAME (14)	Bob Myer	OWNER PHONE (15)	805-962-7186		
WNER MAILING ADDRESS (16)	Harbor Way at the Breakwater				
TY (17)	Santa Barbara	STATE (18)	CA	ZIP (19)	93109

ENVIRONMENTAL CONTACT

ONTACT NAME (20)	Marion Miller	CONTACT PHONE (21)	805-547-7241		
AILING ADDRESS (22)	P.O. Box 661				
TY (23)	San Luis Obispo	STATE (24)	CA	ZIP (25)	93406

EMERGENCY CONTACTS

Primary		Secondary	
AME: (26)	Bob Myer	NAME: (31)	Marion Miller
TLE: (27)	Marketer	TITLE: (32)	Env. Coord.
USINESS PHONE: (28)	805-962-7186	BUSINESS PHONE: (33)	805-547-7241
-HOUR PHONE: (29)	805-965-3883	24-HOUR PHONE: (34)	800-448-7676
AGER #: (30)	889-0334	PAGER #: (35)	

ACUTELY HAZARDOUS MATERIALS (AHM)

ON SITE AHM (36) ☐ Yes ☒ No — If yes, and above Threshold Planning Quantities, attach a sheet of paper with a general description of the process and principal equipment.

ADDITIONAL LOCALLY COLLECTED INFORMATION

Assessor's Parcel Number: 033-120-18

FOR OFFICIAL USE ONLY

ID #_____

ification: I certify under penalty of law that I have personally examined and am familiar with the rmation submitted in this inventory and believe the information is true, accurate, and complete.

it Name of Document Preparer (38)	RHL Design Group, Inc. - Environmental Department		
nature of Owner/Operator (39)	[signature]	Date (40)	6-26-97

Form 2730(11/94)

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

California Hazardous Material Inventory Form- Chemical Description Page

ADD ☐ DELETE ☐ REVISE

PAGE (2) 2 OF (3) 7

USINESS NAME (4) UNOCAL MARINE STATION

HEMICAL LOCATION (5) SW OF PIER

MAP# (6) 1 GRID# (7) D7

HEMICAL NAME (8) PETROLEUM HYDROCARBON

TRADE SECRET (11) ☐Y ☒N

OMMON NAME (9) PREMIUM UNLEADED

*EHS (12) ☐Y ☒N

AS # (10) 8006-61-9

*IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

IRE CODE AZARD CLASSES* (13) I-A

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

'PE (14) ☐ PURE ☒MIXTURE ☐WASTE

RADIOACTIVE (15) ☐ Y ☒N (16) CURIES

HYSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

:D HAZARD \TEGORIES (18) ☒FIRE ☐REACTIVE ☐PRESSURE RELEASE ☒ACUTE HEALTH ☒CHRONIC HEALTH

'ATE WASTE)E (19)

UNITS (22) ☒GAL ☐ CU FT ☐ LBS ☐ TONS

MAX DAILY AMT (23) 20000

\YS ON SITE (20) 365

If EHS, amounts must be in LBS bleow

AVG DAILY AMT (24) 14000

.RGEST)NTAINER (21) 10,000

☐ LBS

ANNUAL WASTE AMT (25) 0

'ORAGE)NTAINER (26)

☐ ABOVE GROUND TANK	☐ CAN	☐ BOX	☐ TANK WAGON
☒ UNDER GROUND TANK	☐ CARBOY	☐ CYLINDER	☐ RAIL CAR
☐ TANK INSIDE BUILDING	☐ SILO	☐ GLASS BOTTLE	☐ _____
☐ STEEL DRUM	☐ FIBER DRUM	☐ PLASTIC BOTTLE	☐ Other...
☐ PLASTIC/NONMETALLIC DRUM	☐ BAG	☐ TOTE BIN	

'ESSURE ORAGE (27) ☒AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

ORAGE MPERATURE (28) ☒AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
10%	METHYL TERT BUTYL ETHER	☐ Y ☒N	1634-04-4
9%	TOLUENE	☐ Y ☒N	108-88-3
14%	XYLENE	☐ Y ☒N	1330-20-7
5%	1,2,4-TRIMETHYL BENZENE	☐ Y ☒N	95-63-6
5%	BENZENE	☐ Y ☒N	71-43-2

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

California Hazardous Material Inventory Form- Chemical Description Page

)704

ADD ☐ DELETE ☐ REVISE

PAGE (2) 3 OF (3) 7

BUSINESS NAME (4) UNOCAL MARINE STATION

CHEMICAL LOCATION (5) SW OF PIER

MAP# (6) 1 GRID# (7) D7

CHEMICAL NAME (8) PETROLEUM HYDROCARBON

COMMON NAME (9) DIESEL FUEL #2

CAS # (10) 68476-34-6

TRADE SECRET (11) ☐Y ☒N

*EHS (12) ☐Y ☒N

*IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

FIRE CODE HAZARD CLASSES* (13) II

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE (14) ☐ PURE ☒MIXTURE ☐WASTE

RADIOACTIVE (15) ☐ Y ☒N (16) CURIES

PHYSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

RED HAZARD CATEGORIES (18) ☒FIRE ☐REACTIVE ☐PRESSURE RELEASE ☒ACUTE HEALTH ☒CHRONIC HEALTH

STATE WASTE CODE (19)

UNITS (22) ☒GAL ☐ CU FT ☐ LBS ☐ TONS

MAX DAILY AMT (23) 20000

DAYS ON SITE (20) 365

*If EHS, amounts must be in LBS bleow

AVG DAILY AMT (24) 10000

LARGEST CONTAINER (21) 10,000 ☐ LBS

ANNUAL WASTE AMT (25) 0

STORAGE CONTAINER (26)

☐ ABOVE GROUND TANK
☒ UNDER GROUND TANK
☐ TANK INSIDE BUILDING
☐ STEEL DRUM
☐ PLASTIC/NONMETALLIC DRUM
☐ CAN
☐ CARBOY
☐ SILO
☐ FIBER DRUM
☐ BAG
☐ BOX
☐ CYLINDER
☐ GLASS BOTTLE
☐ PLASTIC BOTTLE
☐ TOTE BIN
☐ TANK WAGON
☐ RAIL CAR
☐ _____
☐ Other...

PRESSURE STORAGE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
1 99.5%	DIESEL FUEL NO. 2	☐ Y ☒N	68476-34-6
2 0 5%	NAPHTHALENE	☐ Y ☒N	91-20-3
3.	PETROLEUM DISTILLATES	☐ Y ☒N	NONE
4.		☐ Y ☒N	
5.		☐ Y ☒N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

704 California Hazardous Material Inventory Form- Chemical Description Page

ADD ☐ DELETE ☐ REVISE | PAGE (2) 4 | OF (3) 7

USINESS NAME (4) UNOCAL MARINE STATION

HEMICAL LOCATION (5) ON DOC AND NAVI PIER

MAP# (6) 1 | GRID# (7) E4G4

HEMICAL NAME (8) PETROLEUM HYDROCARBON | TRADE SECRET (11) ☐Y ☒N

OMMON NAME (9) MOTOR OIL | EHS (12) ☐Y ☒N

AS # (10) 64742-65-0 | IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

IRE CODE AZARD CLASSES* (13) III-B

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

YPE (14) ☐ PURE ☒MIXTURE ☐WASTE | RADIOACTIVE (15) ☐ Y ☒N | (16) CURIES

HYSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

ED HAZARD ATEGORIES (18) ☒FIRE ☐REACTIVE ☐PRESSURE RELEASE ☒ACUTE HEALTH ☒CHRONIC HEALTH

ATE WASTE DE (19)

UNITS (22) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS

MAX DAILY AMT (23) 760

AYS ON SITE (20) 365

If EHS, amounts must be in LBS bleow

AVG DAILY AMT (24) 500

ARGEST ONTAINER (21) 55 GAL ☐ LBS

ANNUAL WASTE AMT (25) 0

TORAGE ONTAINER (26)

☐ ABOVE GROUND TANK	☐ CAN	☐ BOX	☐ TANK WAGON
☐ UNDER GROUND TANK	☐ CARBOY	☐ CYLINDER	☐ RAIL CAR
☐ TANK INSIDE BUILDING	☐ SILO	☐ GLASS BOTTLE	☐ _____
☒ STEEL DRUM	☐ FIBER DRUM	☐ PLASTIC BOTTLE	☐ Other...
☐ PLASTIC/NONMETALLIC DRUM	☐ BAG	☐ TOTE BIN	

RESSURE TORAGE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

TORAGE EMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
85%	SOLVENT DEWAXD DIST HV PARAFFN	☐ Y ☒N	64742-65-0
85%	HYDROTREATED DIST. HV PARAFFIN	☐ Y ☒N	64742-54-7
28%	ADDITIVES	☐ Y ☒N	PROPRIETARY
15%	SOLV. DEWAX DIST. LT PARAFFIN	☐ Y ☒N	64742-56-9
		☐ Y ☒N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

704 California Hazardous Material Inventory Form- Chemical Description Page

☐ ADD ☐ DELETE ☐ REVISE

PAGE (2) 5 OF (3) 7

USINESS NAME (4) UNOCAL MARINE STATION

HEMICAL LOCATION (5) ENCLOSURED ON PIER

MAP# (6) 1 GRID# (7) D4

HEMICAL NAME (8) PETROLEUM HYDROCARBON

TRADE SECRET (11) ☐Y ☒N

OMMON NAME (9) USED OIL

EHS (12) ☐Y ☒N

AS # (10) 8002-05-9

IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

RE CODE AZARD CLASSES* (13) III-B

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

PE (14) ☐ PURE ☐MIXTURE ☒WASTE

RADIOACTIVE (15) ☐Y ☒N (16) CURIES

YSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

D HAZARD TEGORIES (18) ☒FIRE ☐REACTIVE ☐PRESSURE RELEASE ☒ACUTE HEALTH ☒CHRONIC HEALTH

ATE WASTE DE (19) 221

UNITS (22) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS

MAX DAILY AMT (23) 300

YS ON SITE (20) 365

If EHS, amounts must be in LBS bleow

AVG DAILY AMT (24) 150

RGEST NTAINER (21) 300 ☐ LBS

ANNUAL WASTE AMT (25) 4900

ORAGE NTAINER (26)

☐ ABOVE GROUND TANK	☐ CAN	☐ BOX	☐ TANK WAGON
☒ UNDER GROUND TANK	☐ CARBOY	☐ CYLINDER	☐ RAIL CAR
☐ TANK INSIDE BUILDING	☐ SILO	☐ GLASS BOTTLE	☐ _____
☐ STEEL DRUM	☐ FIBER DRUM	☐ PLASTIC BOTTLE	☐ Other...
☐ PLASTIC/NONMETALLIC DRUM	☐ BAG	☐ TOTE BIN	

ESSURE ORAGE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

ORAGE MPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
100%	MOTOR OIL, USED	☐ Y ☒N	8002-05-9
		☐ Y ☒N	
		☐ Y ☒N	
		☐ Y ☒N	
		☐ Y ☒N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

1704 California Hazardous Material Inventory Form- Chemical Description Page

ADD ☐ DELETE ☐ REVISE

PAGE (2) 6 OF (3) 7

BUSINESS NAME	(4)	UNOCAL MARINE STATION
CHEMICAL LOCATION	(5)	IN ENCLOSURE ON PIER
MAP#	(6)	1
GRID#	(7)	D4

CHEMICAL NAME	(8)	PETROLEUM HYDROCARBON
COMMON NAME	(9)	USED OIL FILTERS
CAS #	(10)	8002-05-9
TRADE SECRET	(11)	☐Y ☒N
*EHS	(12)	☐Y ☒N

*IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

FIRE CODE HAZARD CLASSES* (13) III-B

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE (14) ☐ PURE ☐MIXTURE ☒WASTE

RADIOACTIVE (15) ☐ Y ☒N (16) CURIES

PHYSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

RED HAZARD CATEGORIES (18) ☒FIRE ☐REACTIVE ☐PRESSURE RELEASE ☒ACUTE HEALTH ☒CHRONIC HEALTH

STATE WASTE CODE	(19)	223	UNITS (22) ☒GAL ☐CU FT ☐LBS ☐TONS	MAX DAILY AMT (23)	200
DAYS ON SITE	(20)	365	*If EHS, amounts must be in LBS bleow	AVG DAILY AMT (24)	100
LARGEST CONTAINER	(21)	55 GAL	☐ LBS	ANNUAL WASTE AMT (25)	250

STORAGE CONTAINER (26)

☐ ABOVE GROUND TANK	☐ CAN	☐ BOX	☐ TANK WAGON
☐ UNDER GROUND TANK	☐ CARBOY	☐ CYLINDER	☐ RAIL CAR
☐ TANK INSIDE BUILDING	☐ SILO	☐ GLASS BOTTLE	☐ _____
☒ STEEL DRUM	☐ FIBER DRUM	☐ PLASTIC BOTTLE	☐ Other...
☐ PLASTIC/NONMETALLIC DRUM	☐ BAG	☐ TOTE BIN	

PRESSURE STORAGE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
100%	USED OIL FILTERS	☐ Y ☒N	8002-05-9
	USED OIL	☐ Y ☒N	8002-05-9
		☐ Y ☒N	
		☐ Y ☒N	
		☐ Y ☒N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

SANTA BARBARA COUNTY HAZARDOUS MATERIALS UNFIED PROGRAM

California Hazardous Material Inventory Form- Chemical Description Page

04 ADD ☐ DELETE ☐ REVISE

PAGE (2) 7 OF (3) 7

BUSINESS NAME	(4)	UNOCAL MARINE STATION1
CHEMICAL LOCATION	(5)	ON PIER AND AT CASHIER
MAP# (6)	1	GRID# (7) D4F4

CHEMICAL NAME	(8)	LEAD ACID BATTERIES
COMMON NAME	(9)	WASTE BATTERIES
CAS #	(10)	7664-93-9
TRADE SECRET	(11)	☐Y ☒N
*EHS	(12)	☐Y ☒N

*IF EHS BOX IS "Y" ALL AMOUNTS MUST BE IN LBS

FIRE CODE / HAZARD CLASSES* (13) 2-OXID

*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE CHIEF - REFER TO INSTRUCTIONS.

TYPE (14) ☐ PURE ☐MIXTURE ☒WASTE

RADIOACTIVE (15) ☐ Y ☒N (16) CURIES

PHYSICAL STATE (17) ☐SOLID ☒LIQUID ☐GAS

SED HAZARD CATEGORIES (18) ☐FIRE ☒REACTIVE ☐PRESSURE RELEASE ☐ACUTE HEALTH ☐CHRONIC HEALTH

STATE WASTE CODE	(19)	162	UNITS (22) ☒GAL ☐ CU FT ☐ LBS ☐ TONS	MAX DAILY AMT (23)	10
DAYS ON SITE	(20)	365	*If EHS, amounts must be in LBS bleow	AVG DAILY AMT (24)	5
LARGEST CONTAINER	(21)	BATT	☐ LBS	ANNUAL WASTE AMT (25)	1200

TYPE OF CONTAINER (26)

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ TANK INSIDE BUILDING ☐ STEEL DRUM ☐ PLASTIC/NONMETALLIC DRUM ☐ CAN ☐ CARBOY ☐ SILO ☐ FIBER DRUM ☐ BAG ☐ BOX ☐ CYLINDER ☐ GLASS BOTTLE ☐ PLASTIC BOTTLE ☐ TOTE BIN ☐ TANK WAGON ☐ RAIL CAR ☒ BATT ☐ Other...

PRESSURE STORAGE (27) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT

STORAGE TEMPERATURE (28) ☒ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐ CRYOGENIC

(29) %WT	(30) HAZARDOUS COMPONENTS	(31) EHS	(32) CAS#
1. 35%	SULFURIC ACID (35%)	☐ Y ☒N	7664-93-9
2. 34%	LEAD	☐ Y ☒N	7439-92-1
3. 31%	LEAD DIOXIDE	☐ Y ☒N	1309-60-0
4. 1%	LEAD SULFATE	☐ Y ☒N	7446-14-2
5.		☐ Y ☒N	

(33) ADDITIONAL LOCALLY COLLECTED INFORMATION

FOR LOCAL USE ONLY

ID # _____

FORM E

HAZARDOUS MATERIALS UNIFIED PROGRAM

EMERGENCY RESPONSE PLAN
or Hazardous Waste Contingency Plan

I.D. #

Santa Barbara County

Date: June 23, 1997

SECTION I-A: BUSINESS IDENTIFICATION DATA

Bob Myer
BUSINESS NAME

Unocal Marine Station #300704 — Harbor Way at the Breakwater — 93109
SITE ADDRESS — CITY — ZIP CODE

805-962-7186
FACILITY UNIT — TELEPHONE NUMBER

P.O. BOX 25376 — Santa Ana , CA — 92799-5376
BUSINESS MAILING ADDRESS — CITY — ZIP CODE

If your business has a license or permit from any of the following agencies, please indicate the document number.

1. Hazardous Materials Underground Storage # U0174	3. Air Pollution Control District # 4740
2. Hazardous Waste Generator # GO174	4. Responding Fire Dept & Permit #

lease provide the following information as it pertains to your business and its location. You are not required to notify these ompanies in the event of an emergency. This information is provided for your reference and to assist emergency response ersonnel in responding to a hazardous materials emergency at your facility. List the name and phone number of the utility ompany.

lectric Service SOUTHERN CAL EDISON Telephone # 805-963-3671

as Service NONE Telephone #

anitation District SANTA BARBARA CITY Telephone #

Vater District SANTA BARBARA Telephone # 805-899-2837

SECTION I-B: OWNER CERTIFICATION OF DATA (Certify either 1 or 2)

1. This is a ☐ **NEW Plan** ☐ **UPDATED Existing Plan.** I have personally examined the information it contains and am familiar with the operation of the plan. (If you check either of the above two options, continue to complete the remained of the Emergency Response / Contingency Plan).

2. ☐ This plan **requires no change** and is on file with Santa Barbara County Hazardous Materials Unified Program and does not need any change. (If you check this section, please proceed directly to Form T, the Training Program.)

certify under penalty of law that the above information is true and accurate.

RINT NAME OF OWNER OR OPERATOR — ROBERT MEYER — SIGNATURE — 6-26-97 DATE

RHL Design Group, Inc., Environmental Department — 6/23/97
OCUMENTS PREPARED BY — SIGNATURE — DATE

RM-E (REVISED 08/96)

SECTION II: EMERGENCY RESPONSE PLANS AND PROCEDURES

Note: Complete all sections of this Emergency Response Procedure below. Use of terms such as "N/A" (Not Applicable) will not be accepted.

1. **FIRE, SPILL OR RELEASE: The Fire Code requires immediate notification through dialing 911, by whomever first sights the incident. In the event of release or spill of hazardous materials, you must also notify:**

   1. **Santa Barbara County Hazardous Materials Unit (HMU) – during business hours South County (805) 681-5500 or North County (805) 346-8477. After business hours – dial 911.**

   2. **The State Office of Emergency Services – (800) 852-7550 or (916) 262-1621.**

   List the individuals responsible for verifying that these calls have been made and also indicate their position in your company.

FOR VERIFYING THE DIALING OF 911:

Bob Myer	Marketer
NAME	POSITION

Individual responsible for calling Santa Barbara County HMU and the State Office of Emergency Services: (Normally the Emergency Coordinator of your business.)

Bob Myer	Marketer
NAME	POSITION

B. List the local emergency medical facilities that will be used by your business in the event of an accident or injury caused by a release or threatened release of hazardous materials.

NAME	ADDRESS	CITY	PHONE
COTTAGE HOSPITAL	PUEBLO @ BATH STREETS	SANTA BARBARA	805-682-7111
HENRY MAYO NEWHALL MEMORIAL HOSPITAL	23845 WEST MCBEAN PARKWAY	VALENCIA	805-253-8000

C. List the Emergency Coordinator(s) at your facility.

	NAME	TITLE	BUSINESS PHONE	24 HR PHONE	PAGER #
Primary:	Bob Myer	Marketer	805-962-7186	805-965-3883	
Secondary:	Marion Miller	Env. Coord.	805-547-7241	800-448-7676	

D. Does your business have an on-site emergency response team? ☐ Yes ☐ No If yes, describe procedures your business will follow to notify your on-site emergency response team in the event of a release or threatened release of hazardous materials.

All employees are trained in the emergency response procedures, and notification steps contained in this business plan.

E. List (by name and address) adjacent neighboring businesses and residences, schools, hospitals, etc. **Include sensitive facilities (schools, hospitals and rest homes) within 1,000 fee (straight line distance from your property line).** List telephone numbers for all businesses; for apartment buildings, list manager's phone. Do not list telephone numbers for private residences.

North: MARINA/WATER

South: MARINA/WATER

East: MARINA/WATER

West: COMMERCIAL SHOPS 132A HARBOR WAY, SANTA BARBARA HARBOR PATROL 805-564-5520

F. Briefly describe your standard operating procedures **in the event of a release or threatened release of hazardous materials.** Emergency response procedures must comply with all Federal, State and local regulations. (Use additional sheets if necessary. Use our format if computerized.)

1. **Prevention** -- Describe the accident potentials associated with the hazardous materials present at your facility. What actions would your business take to reduce accident potentials? Include description of safety, storage and containment procedures.

Potential accidents are: flammable, combustible liquid spills, leaks, or fires. The underground storage tanks are monitored using an approved monitoring method. The aboveground storage areas are visually monitored daily. The products are stored in minimum quantities and in unbreakable containers. Gasoline dispensing is supervised by a trained employee.

2. **Equipment** -- List the emergency response equipment at your facility (e.g. fire extinguishing systems, spill control equipment, decontamination equipment). **Include summary of maintenance procedures.**

Item	Use	Location	Maintenance Procedure
Fire Extinguisher	Control Fire	See Site Map	Annual inspection and recharge
First Aid Kit	First Aid	See Site Map	Monthly inspection and replace items as necessary
Broom, Shovel, Dust Pan	Control/Clean up Spills	Store Room	Replace as necessary
Personnel Protective Gear	Personnel Protection	Store Room	Replace as necessary
Absorbents	Spill Control	See Site Map	Weekly visual inspection & replace supply as needed

3. **Evacuation** -- Describe how you will immediately notify and evacuate your facility. What communications or alarms are used? How will you operate these during power failure?

Notice to evacuate will be verbal, an employee will announce that there is an emergency and all persons should leave the facility immediately. Employees will assemble at the emergency assembly area.

4. **Shutdown** -- Describe the shutdown for each site or facility.

Turn off the pumps using the emergency shut-off switch. (See site map for location of pump shut-off).

If necessary you can also shut down the electricity, water, and natural gas (as applicable) to the site.

Please see attached site map for location of shut-off switches.

5a. **Response** -- Describe what is done to lessen or mitigate the harm or damage to person(s), property, or the environment, and prevent the event from getting worse or spreading. What is your immediate response to:

Fire: Turn off the pumps and attempt to extinguish the fire if possible with a fire extinguisher. If it is not possible to contain the fire, call 9-1-1.

Explosion: Turn off pumps, evacuate the site, and call 9-1-1.

Spill: Stop leak, if possible without risk. Clean up small spills (<10gals) with absorbent material or dike a large spill (>10gals) with absorbent to contain the flow. If a spill occurs, turn off the pumps (if necessary) and call the Santa Barbara Co. Health Dept at 805-681-4900, or after hours call 9-1-1 and tell the operator the call will need to be directed to the Health Dept. Also notify the Fire Department by calling 911.

Severe Ground Motion: Turn off pumps if disruption to underground tanks, piping or dispensers is suspected. Remain out of the buildings if damage is suspected.

Major Power Failure: No special procedures need to be followed.

Flood: Secure the facility.

b. **Is this facility located on a 100 year flood plain?** ☐ **Yes** ☐ **No**

c. **Ground Motion** -- Identify facility areas and list mechanical or other systems that require immediate inspection or isolation because of their vulnerability to earthquake related ground motion.

Gasoline storage tanks, piping and dispensing equipment. Buildings

6. **Clean-Up** (Remove the Hazard) -- How do you handle the complete process of cleaning up, and disposing of related materials at your facility? Note: Notify the Hazardous Materials Unit when clean-up is complete.

Clean up and disposal of hazardous wastes will be coordinated through the stations fixed fee contractor, a 24 hours. dispatch service. The contractor has been predetermined by Tosco, Inc. and is licensed to assist in the clean up The contractor will conform with all applicable federal, state, and local regulations

G. **Location** -- Your business is required to keep a copy of the Business Plan and related MSDS sheets on-site. Describe where this information is located.

The business plan and associated emergency response and training documents are maintained at:

IN CASHIER BLDG

FORM T

HAZARDOUS MATERIALS UNIFIED PROGRAM

EMPLOYEE TRAINING PROGRAM

I.D. #

Santa Barbara County

Date: 6/19/97

A. **Describe the safety procedure training for all employees in the event of a release or threatened release of hazardous materials. This training shall include, but not be limited to, the following: new employee training, annual training, periodic refresher courses, and familiarization with Emergency Plans and Procedures of this Business Plan / Contingency Plan.**

1. Summarize specific job descriptions for all positions that work with or come in contact with hazardous materials / hazardous waste and indicate how these specific positions are trained for their job responsibilities or hazards of exposure (describe training program). Designate whether employee is working with hazardous material (HM), hazardous waste (HW), or both (B).

All employees are given the same training (B). Employees are trained in emergency response procedures within thirty days of hire and annually thereafter. The training will cover emergency response procedures, Material Safety Data Sheets and the location of all emergency equipment and emergency shut-offs for the facility. Training also includes the proper spill response procedures and review of emergency phone numbers. Training is given within 30 days of hire and a refresher course is given at least annually.

2. Summarize training specific to **emergency response personnel** who deals with either hazardous material or hazardous waste release or threatened release.

All employees are trained and have the ability to;

1. Turn off pumps and all utilities.
2. Call 9-1-1

The Operator is also responsible for the above, and the notification of his/her fixed fee contractor and notification of the local agency. If the emergency requires immediate notification. Tosco will also be responsible for notification of the local agency, OES and filing all necessary reports.

3. Indicate frequency and duration of training for each type of employee noted above (a table may be used).

All employees are trained within thirty days of hire and annually thereafter. The training consists of reading the HMBP, MSDS's, environmental impacts that may result due to a release, and emergency phone numbers for the facility. The training takes between 30 minutes and two hours.

4. Indicate how your business facilitates employee access to training materials. (e.g. bulletin board, employee newsletter, staff meetings, etc.)

The Hazardous Material Business Plan is available to employees at all times.

The HMBP is located: IN CASHIER BLDG

Information relating to the training material is passed on verbally.

B. List the personnel in charge of training and indicate qualifications of personnel conducting the training.

The service station operator is responsible to ensure that all employees receive proper training. The operator goes through a training program with Tosco to review the hazards associated with fuel dispensing and associated hazards with the miscellaneous petroleum products found at the site. The training also includes record keeping and management practices for station operation.

C. **Indicate where records are kept.** Records must document training including training duration and completion dates, names and positions of employees receiving training, and the name(s) of instructors / trainer.

Training records are kept with the HMBP.

They are located: IN CASHIER BLDG

EMERGENCY RESPONSE PROCEDURES

300704

MAJOR INCIDENT: FIRE, SPILL OR SUSPECTED LEAK

1. TURN OFF PUMPS using the Emergency Pump Shut-Off Switch.

2. EVACUATE: verbally ANNOUNCE to all persons on the site: "There is an emergency. Please turn off your engines and leave the Facility on foot immediately. All employees meet at the emergency assembly area."

3. CALL 9-1-1 Give the following information: "THERE IS A FIRE / GASOLINE SPILL at the 76 Products Company bulk plant at Harbor Way at the Breakwater" If anyone is trapped or needs medical attention, tell the answering dispatcher. Stay on the phone and be prepared to answer any questions concerning the situation.

4. ATTEMPT to contain the spill if you can do it safely.

5. LOOK AROUND to ensure that everyone has left the Facility, particularly those in vehicles who may need assistance or may not have heard the emergency announcement. Assist or direct assistance to anyone having difficulty leaving the Facility area, and anyone who may be injured.

6. REPORT to arriving emergency response personnel to provide them with any information or assistance they might need.

7. CONTACT the facility Marketer if s/he is not already at the Facility. Use the list below for emergency contacts:
   Emergency Coordinator: Bob Myer Title: Marketer
   Address: Harbor Way at the Breakwater
   Bus#/Home#/Alt#: 805-962-7186 / 805-965-3883 /
   Alternate Emergency Coordinator: Marion Miller Title: Env. Coord.
   Address:
   Bus#/Home#/Alt#: 805-547-7241 / 800-448-7676 /

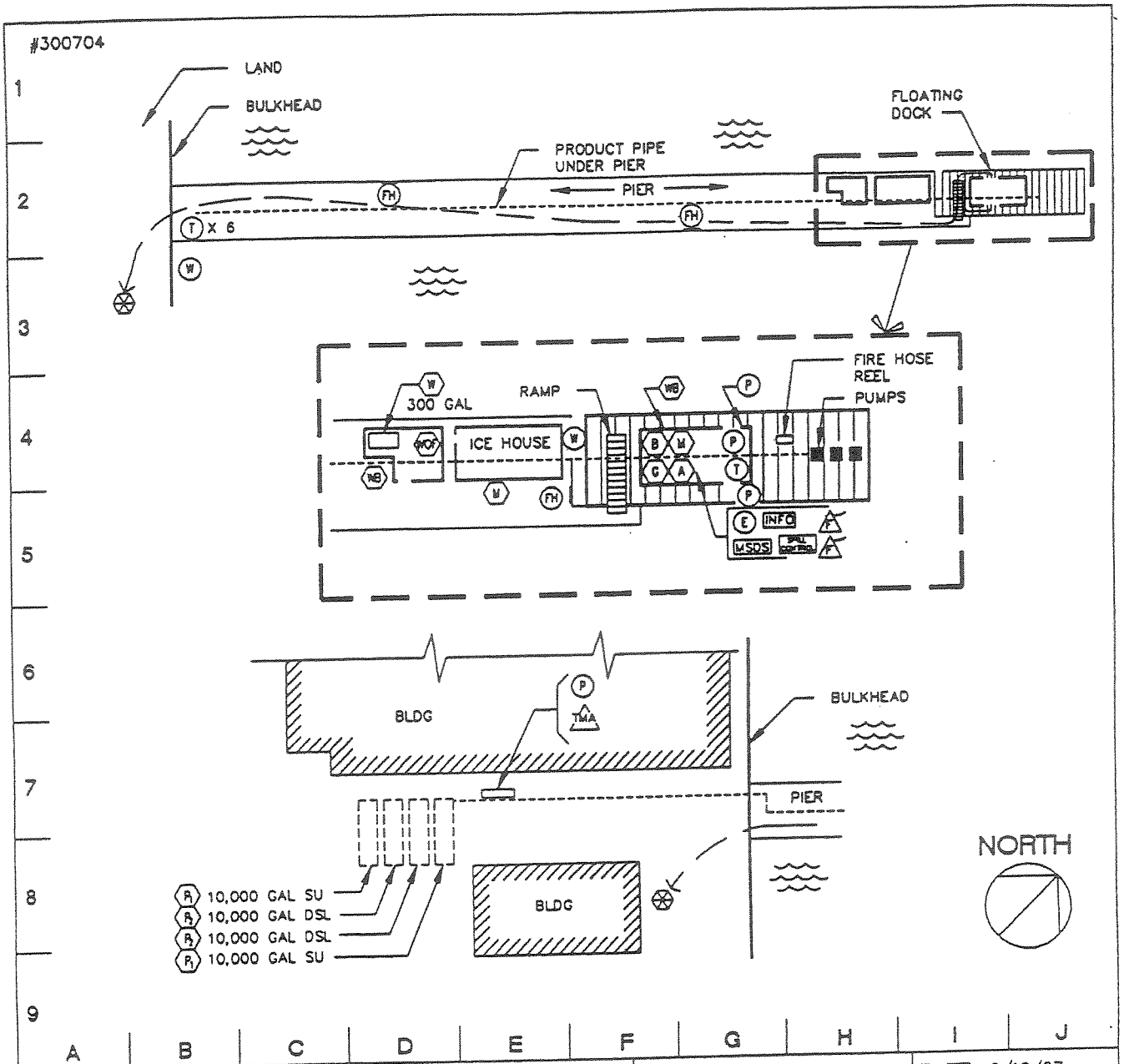
8. NOTIFY Marketing Maintenance Dispatch IMMEDIATELY 1-800-723-7600.
   NOTIFY your Business Operations Manager IMMEDIATELY.
   Business Operations Manager: Theresa Wiacek Phone Number: 209 971-5142

   76 Products Company will notify the State and Local administering agencies within an appropriate time frame, unless the situation requires urgent immediate response by the agencies, in which case the MARKETER should notify these agencies:
   1. LOCAL AGENCY: Santa Barbara County, Fire Dept.
      PHONE NUMBER: 805-686-8167
   2. CALIFORNIA OFFICE OF EMERGENCY SERVICES, (800) 852-7550 (24 HOURS)
   3. LOCAL POLICE AND FIRE DEPARTMENTS, 911
   4. NATIONAL RESPONSE CENTER 1-800-424-8802 (24 HOURS).

MINOR INCIDENT: Any incident that can be contained and cleaned up as part of the routine operations. Whenever in doubt, consider the incident a major release and use the above procedures.

FIRES: Extinguish with fire extinguisher. Recharge fire extinguisher, if used.
SPILLS: Clean up with absorbent materials on site and dispose of according to all regulations. Have a fire extinguisher ready for spills of flammable materials. Restock absorbent as necessary. See Training Plan item #H for additional direction.
MEDICAL: Treat with on site first aid kit or take to nearest hospital. Employee training plan lists the nearest hospital.
RECORD: Record the event in the daily monitoring log.
NOTIFY: the Marketer of the event.

#300704



SELF SERVICE STATION LEGEND

- EMERGENCY PUMP SHUT-OFF
- ELECTRICAL PANEL SHUT-OFF
- NATURAL GAS SHUT-OFF
- WATER SHUT-OFF
- TANK MONITORING ALARM
- TELEPHONE
- FIRST AID KIT
- FIRE EXTINGUISHER
- STORM DRAIN
- SANITATION SEWER
- EMERGENCY ASSEMBLY AREA
- HMMP LOCATION
- FIRE HYDRANT
- FENCE
- MONITORING WELLS
- OBSERVATION WELLS
- ANTIFREEZE
- MOTOR/TRANSMISSION OIL
- A.G. WASTE OIL TANK
- U.G. PRODUCT TANK
- ABSORBENT
- MSDS SHEET LOCATION
- FIRE HOSE
- EVACUATION ROUTE

SCALE: 1"=40'-0"±

DATE: 6/19/97

SITE PLAN
UNOCAL MARINE STATION
HARBOR WY AT THE BREAKWATER
SANTA BARBARA, CA 93109

#300704

76 Products Company

PREPARED BY:
RHL ARCHITECTURE • ENGINEERING • ENVIRONMENTAL SERVICES
1137 N. McDOWELL BLVD. PETALUMA, CA (707) 765-1660

PAGE #

Employees must be given this training before starting work, and refresher courses must be provided annually. Records must be kept to show when each Facility employee has been given his/her safety training. Use the following outline and make copies as needed. Have employee date and sign the attached training log upon completion of training. Retain these records for a minimum of three years.

I. FIRST THINGS TO KNOW:

A. EMERGENCY PUMP SHUT-OFF: This turns off the turbine pumps that provide flow to the dispensers from the underground tanks. In case of a leak, shutting off the pumps will help to prevent spills.
Location: 1-IN CASHIER BLDG, 1-EACH SIDE CASHIER

B. ELECTRICAL PANEL: The panel allows you to selectively cut off power to lights, signs, pumps, etc. The main switch kills all power at the site.
Location: IN CASHIER BLDG

C. TANK MONITORING ALARM: Monitoring panel for the Underground Storage Tanks. This panel will indicate when a leak is detected by a visual and audible alarm.
Location: IN CABINET NEAR TANKS

D. WATER SHUT-OFF: The water shut-off may be necessary in some cases.
Location: BETWEEN PIER AND DOCK

E. NATURAL GAS SHUT-OFF: If your Facility has natural gas, it may be necessary to shut-off the natural gas flow in an emergency.
Location: NONE

F. PROPANE/LPG: If your facility has a propane or liquified petroleum gas tank - In the event of a release or fire, turn off the manual valves and shut off the power to the dispensing pumps. Call your supplier or dial 9-1-1 as appropriate.

G. FIRE EXTINGUISHER: Use only on small fires that you can handle. Do not attempt to extinguish large fires on your own; call 9-1-1 for help.
Location: 2-CASHIER

H. ABSORBENT: In the form of kitty litter, absorbent can soak up small spills of gasoline, diesel fuel, or other petroleum products. Absorbent should be used rather than washing spills down a drain. In case of large spill, merely try to contain it; a vacuum truck should be used to clean up any large spill.
Location: IN CASHIER BLDG

I. EMERGENCY RESPONSE EQUIPMENT: These items shall be used by employees to prevent direct skin contact with a hazardous material.
1. Broom: CASHIER
2. Shovel: NONE
3. Gloves: CASHIER
4. Goggles: NONE

J. FIRST AID KIT:
Location: AT CASHIER

K. EMERGENCY ASSEMBLY AREA: Location where all employees are to meet in the event of an emergency.
Location: ON LAND NEAR SHOPS

L. HAZARDOUS MATERIAL MANAGEMENT PLAN (HMMP) & MATERIAL SAFETY DATA SHEET (MSDS):
Location: IN CASHIER BLDG

II. NEAREST MEDICAL FACILITY: Employees should know what facilities are available in case customers or other employees need medical attention.

1. NAME: COTTAGE HOSPITAL
ADDRESS: PUEBLO @ BATH STREETS, SANTA BARBARA
PHONE NUMBER: 805-682-7111
NEAREST DESIGNATED TRAUMA CENTER:
2. NAME: HENRY MAYO NEWHALL MEMORIAL HOSPITAL
ADDRESS: 23845 WEST MCBEAN PARKWAY, VALENCIA
PHONE NUMBER: 805-253-8000

III. All employees should review the Hazardous Material Plan, of which this training plan is a part. Specifically, each employee should understand the procedures to be used in responding to various kinds of emergencies, and know how to monitor for leaks of hazardous materials. As a supplement to this package, employees should also review the Emergency Response Plan filed by your business to the appropriate local agency. Thirdly, employees should review and have access to the Materials Safety Data Sheets you have on file for each of the hazardous materials stored at the Facility and must be drilled in all emergency response procedures contained herein.

IV. FIRST AID PROCEDURES (For exposure to gasoline or diesel fuel):

A. EYE CONTACT: Flush with water for 15 minutes while holding eyelids open. Get medical attention.

B. SKIN CONTACT: Flush with water while removing contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention.

C. INHALATION (Breathing): Remove victim to fresh air and provide oxygen if breathing is difficult. If not breathing, give artificial respiration. Get medical attention.

D. INGESTION (Swallowing):

DO NOT INDUCE VOMITING BECAUSE GASOLINE CAN ENTER LUNGS AND CAUSE SEVERE LUNG DAMAGE! If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

E. NOTE TO PHYSICIAN: If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with medical supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

F. For further information, consult the Materials Safety Data Sheets for these products and for other hazardous materials.

FIRST AID FOR EXPOSURE TO OTHER MATERIALS: Consult the warning advice on container labels or refer to the MSDS for that product.

This hazardous material management plan meets the requirements of a hazardous waste contingency plan.

Document prepared by:Environmental Staff,Robert H. Lee & Assoc., 800-765-1025
Last updated: June 23, 1997

...MUST MEETS THE INTENT OF USPA FORM 101.
ER EACH QUESTION FULLY.
TO LOSS REPORTING & INSURANCE
AL FOR DEFINITIONS AND CODES.

Accident / Incident Investigation Report

UNOCAL 76

CLAIM NO. 71487330
RISK & INS. LOCATION CODE
EVC. STA. NO./VEHICLE CODE 19527068
TYPE OF OCCURRENCE: ☑ ACCIDENT ☐ INCIDENT (NEAR MISS)
UNOCAL'S WORKING INTEREST 0 %
RISK & INS. USE ONLY CLAIM GROUP CODE

GENERAL INFORMATION (DATE AND TIME REFER TO ACCIDENT/INCIDENT/DIAGNOSIS OF ILLNESS)

DATE	TIME	UNOCAL FACILITY	NAME OF UNOCAL FACILITY
7-25-94	7:00 AM (PM)	☐ NO ☑ YES ▷	ELMES SANTA BARBARA MARINE

/INCIDENT LOCATION (STREET, CITY, STATE, COUNTRY)
5 BREAKWATER-END OF NAVY PIER SANTA BARBARA HARBOR - CA.-USA

DIVISION/SUBSIDIARY | UNOCAL DEPARTMENT

EVERITY POTENTIAL (CHECK ONE BOX ONLY): AJOR ☑ SERIOUS ☐ MINOR
PROBABILITY OF RECURRENCE (CHECK ONE BOX ONLY): ☐ FREQUENT ☐ OCCASIONAL ☑ SELDOM

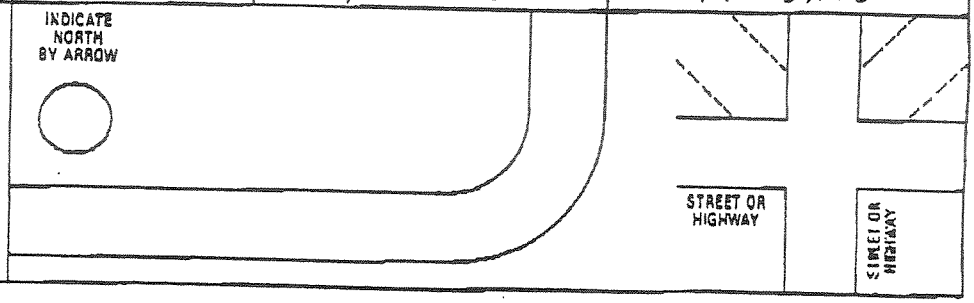
ESCRIPTION (DESCRIBE FULLY HOW THE ACCIDENT/INCIDENT HAPPENED. ATTACH ADDITIONAL PAGE OF NARRATIVE IF NECESSARY)

N EVENING OF JULY 25, 1994 FUEL DOCK OPERATOR BOB MEYER WAS RE-
ELING 75 FOOT CHARTER VESSEL "VISION." FUELING OPERATIONS WERE SELF-
RVE AND WAS BEING MONITORED BY CREW MEMBER AT SIGHT GAUGE IN
'GINE ROOM. THROUGH MANY PAST EXPERIENCES WITH THIS VESSEL FUELING
OCEDURE, CREW MEMBER OR CAPTAIN WOULD CLIMB OUT OF ENGINE ROOM AND
N OFF FUEL NOZZLE WHEN SIGHT GAUGE READ FULL. IN THIS CASE, CREW
EMBER WAS DISTRACTED, THE CAPTAIN WAS CHANGING ENGINE OIL AND DIESEL
L FLOWED OUT OF VENT OPENING INTO PACIFIC OCEAN. FUEL DOCK OPERATOR
MEYER OBSERVED FUEL COMING FROM VENT AND SHUT DOWN PUMP.
ESSEL OWNER CLAIMED RESPONSIBILITY FOR SPILL AND CLEAN UP COSTS
MORNING OF 7/26/94. ACTION PENDING TAKEN AGAINST VESSEL
PTAIN AND FUEL DOCK OPERATOR.

S NAME	HOME PHONE	BUSINESS PHONE	DATE REPORTED
S	( )	( )	7-25-94
	NAME OF LAW ENFORCEMENT OR REGULATORY AGENCY TO WHOM REPORTED		TO UNOCAL
TATE, ZIP CODE, COUNTRY	CITATIONS ISSUED ☐ NO ☐ YES ▷	TO WHOM PENDING	FOR WHAT PENDING

HICLE ACCIDENTS. USE ONE OF THESE OUTLINES TO SKETCH
E OF YOUR ACCIDENT, WRITING IN STREET OR HIGHWAY
NUMBERS. ATTACH POLICE REPORT IF AVAILABLE.

MBER EACH VEHICLE. SHOW COMPANY
ICLE AS NO. 1. OTHER VEHICLES AS 2, 3, ETC.
W DIRECTION OF TRAVEL BY ARROW. USE
D LINE TO SHOW PATH BEFORE ACCIDENT
OTTED LINE AFTER ACCIDENT.
W PEDESTRIAN BY
W RAILROAD BY
W DISTANCE AND DIRECTION TO LANDMARK
TIFY LANDMARKS BY NAME OR NUMBER.



AUSE ANALYSIS (ATTACH ADDITIONAL PAGE OF NARRATIVE IF NECESSARY)

MEDIATE CAUSE(S) OF THE ACCIDENT/INCIDENT WERE:	1ST IMMEDIATE CAUSE CODE	2ND IMMEDIATE CAUSE CODE
LURE OF NEW CREW TO BE AWARE OF IMPORTANCE OF MONITORING EL DELIVERY AT SIGHT GAUGE		

SIC CAUSE(S) OF THE ACCIDENT/INCIDENT WERE:	1ST BASIC CAUSE CODE	2ND BASIC CAUSE CODE
AT TENTION		

JURIES / ILLNESSES (COMPLETE THIS SECTION IF ANY INJURY/ILLNESS OCCURRED FOR WORKERS' COMPENSATION CLAIMS. FORWARD ORIGINAL OF THIS FORM TO RISK & INSURANCE DEPT., LOS ANGELES, AND SEND A COPY TO WORKERS' COMPENSATION DEPT., LOS ANGELES.)

ONE BOX ONLY): JRY ☐ ILLNESS ☐ FATALITY
(CHECK ONE BOX ONLY) INJURED/ILL STATUS: ☐ UNOCAL EMPLOYEE ☐ CONTRACTOR ☐ OTHER

F INJURED	SOCIAL SECURITY NO.	SEX ☐ M ☐ F	AGE	OCCUPATION/RATING
DRESS	HOME PHONE ( )	BUSINESS PHONE ( )		TIME SHIFT STARTED AM PM
ATE, ZIP CODE, COUNTRY	EMPLOYER		TIME ON PRESENT JOB	LENGTH OF SERVICE

N/A

(NOTE: UNOCAL EMPLOYEE INJ/ILL COST CAPTURED IN WORKERS' COMP. SYSTEM)

APPENDIX E

HAZARDOUS MATERIALS SPILL REPORTING PROCEDURES

AND

SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

MEMORANDUM

September 12, 1994 Waterfront Department

To: Harbor Operations Staff

From: Mike Hatton, Harbor Patrol Supervisor

Subject: Hazardous material (fuel & oil) spill reporting

I talked with Larry Bishop from County Environmental Health today. He was calling to review what exactly had spilled last Friday, 9-9-94 when I had called in our report.

When I told Larry what had spilled and that it was a very small amount he said that he would reconfirm with his boss exactly how big or small a spill should be before we report it to them.

When Larry called back he said that we should continue to report all spills to the County Environmental Health.

In review the reporting procedures for reporting hazardous material spills in the water are to call:

1. Coast Guard MSD, 962-7430 or 965-0407, or pagers 897-4734 or 897-4798. If no results call C.G. Long Beach, 310-980-4444.

2. Ca. O.E.S., 1-800-852-7550

3. County Environmental Health, 681-~~4900~~ 5500

Make sure your rolodexes have these numbers.

E

OIL/FUEL SPILL

EMERGENCY ACTION CHECKLIST

DATE	TIME	ACTION
		Determine the type, origin, and extent of the spill. Update the evaluation periodically.
		Notify the lead, supervisor, manager, or Waterfront Director of the event.
		Notify the Harbor Patrol, Coast Guard Marine Safety Detachment, Fish and Game, and the Santa Barbara Fire Department of the event.
		If possible, prevent further contamination.
		Notify the Santa Barbara Police Department if crowd/traffic control is needed.
		If an offshore oil spill, call the U.S. Coast Guard Marine Safety Detachment. You may also refer to the Offshore Oil Spill Disaster Plan checklist located in the Harbormaster's Office or the Waterfront Administration Office.

An oil spill can be on land, on water, or on both. The source may be natural seeps, vessels, offshore drill rigs, plane crash, or land-based pollution.

The effects of a major spill can be:

1. Fire danger
2. Air pollution
3. Contamination of water, land, docks, and vessels.
4. Damage to wildlife

The agencies in charge of the control and clean up are the United States Coast Guard, County of Santa Barbara, and the City of Santa Barbara Hazmat Team. The CA. Dept. of Fish and Game should also be notified.

To minimize the danger of fire, ignition sources should be secured; electrical service off, smoking prohibited.

If the spill emanates from the fuel dock, the fuel line valves should be immediately turned off. The shut offs are located on the City Pier next to the fuel dock and also next to the intersection of the City Pier and the breakwater. Turn offs are also located inside the covers of the fuel tanks on Harbor Way near the Harbor Facilities office/workshop.

If heavy fumes develop, the area should be evacuated of people.

Hazardous Material Division

California Hazardous Material Spill/Release Notification Guidance

To Report
all significant releases or potential releases of hazardous materials,

First Call 9-1-1
(or the local emergency response agency)

Then Call
the Governor's Office of Emergency Services (OES) Warning Center

1-800-852-7550
(only in California) or call the public number

(916) 262-1621

It's the Law!

June 1992

This guidance summarizes pertinent emergency notification requirements. **For precise legal requirements, review specific laws and regulations.**

This guidance applies to all significant releases of hazardous materials. Refer to Proposition 65 and §9030 of the California Labor Code for additional reporting requirements for releases of carcinogenic chemicals.

SPILL OR RELEASE NOTIFICATION

Q: What are the emergency notification requirements in case of a spill or release of hazardous materials?
A: All significant releases or potential releases of a hazardous material, including oil, require emergency notification to government agencies. The law specifies who must notify, what information is needed, which government agencies must be notified, when they must be notified, and the release quantity or basis for the report.

WHO MUST NOTIFY

Q: Who is obligated to notify?
A: 1. Requirements for immediate notification of all significant spills or releases covers: Owners, Operators, Persons in charge, and Employers. Notification is required regarding significant releases from: Facilities, Vehicles, Vessels, Pipelines and Railroads.

2. State law: Handlers, any employees, authorized representatives, agents or designees of handlers shall, upon discovery, immediately report any release or threatened release of hazardous materials (Health and Safety Code §25507).

3. Federal law: Notification is required for all releases that equal or exceed federal reporting quantities.
- Owners and Operators to report (EPCRA)
- Person in Charge to report (CERCLA)

WHAT INFORMATION

Q: What information is required?
A: 1. State notification requirements for a spill or release include:
- Identity of caller
- Location, date and time of spill or release
- Substance and quantity involved
- Chemical name (if known, it should be reported if the chemical is extremely hazardous)
- Description of what happened

2. Federal immediate verbal reporting requires additional information for spills (CERCLA chemicals) that exceed federal reporting requirements, which includes:
- Medium or media impacted by the release
- Time and duration of the release
- Proper precautions to take
- Known or anticipated health risks
- Name and phone number for more information

WHICH AGENCIES

Q: Who must be notified?
A: Notification must be given to the following agencies:

- The Local Emergency Response Agency
  e.g., 9-1-1 or the Local Fire Department, and, if different from Local Fire:
- The Local Administering Agency
  9-1-1 or enter local number

Phone:_____

AND

- The Governor's Office of Emergency Services Warning Center

Phone: 1 - 800 - 852 - 7550
(1-800 is good only inside California)
or the public and out-of-state number
(916) 262-1621.

And, if appropriate:

- All On-Highway Spills

Phone: 9-1-1
(California Highway Patrol must be notified for spills on those highways under CHP jurisdiction)

And, in addition, as necessary, one or more of the following:

A. National Response Center
Phone: 1- 800 - 424 - 8802
(IF the spill equals or exceeds CERCLA Federal Reportable Quantities)

B. Cal /OSHA - For Serious Injuries or Harmful Exposures to Workers:
Call nearest Cal/OSHA District Office

C. Regional Water Quality Control Board
Waste discharges or proposed discharges
Discharges that threaten or may impact water quality (This includes ground and surface water impacts)

D. Department of Toxic Substances Control
Hazardous waste tank system releases
Secondary containment releases
Phone appropriate DTSC Regional Office

E. Oil Spill at a Fixed Facility
California Division of Oil and Gas (DOG)
Phone the appropriate DOG District Office

F. Hazardous Liquid Pipeline Releases
Phone OES (State Fire Marshal jurisdiction)

G. Natural Gas Pipeline Releases
Phone OES and PUC

H. Waterway Spill / Release
United States Coast Guard
Marine Safety Offices:
MSO S. F. (Alameda) - (510) - 437 - 3073
MSO Long Beach - (310) - 980 - 4447
MSO San Diego - (619) - 557 - 5870

WHEN TO NOTIFY

Q: When must emergency notification be made?
A: All significant spills or releases of hazardous material, including oil, must be immediately reported. Notification should be made by telephone.

Also, written follow-up reports may be required.

WRITTEN REPORTS

Q: When are written reports required?
A: Different laws have different time requirements and criteria for submitting written reports. After a spill or release of hazardous materials, including oil, immediate verbal emergency notification should be followed up as soon as possible with a written after action report to the following agencies:

1) Governor's Office of Emergency Services, e.g.,
- Section 304 After Action Report
- CHMIRS Report - Incident Report from local government

2) The responsible regulating agency, e.g.,
- Department of Toxic Substances Control, Facility Incident or Tank System Release Report
- California Division of Oil and Gas, oil spill at a fixed facility
- Cal/OSHA, serious injury or harmful exposure to workers

3) U.S. DOT - transportation-related incidents, e.g.,
- HMIS Form Report

PENALTIES

Federal and state laws provide for penalties of up to $25,000 per day for each violation of emergency notification requirements. Criminal penalties may also apply.

STATUTES

Q: What statutory provisions require emergency notification?
A: Many statutes require emergency notification of a hazardous chemical release, including:
- Health and Safety Code §25270.7, 25270.8, 25507
- Vehicle Code §23112.5
- Public Utilities Code §7673 (PUC General Orders #22-B, 161)
- Government Code §51018, 8670.25.5 (a)
- Water Code §13271, 13272
- California Labor Code §6409.1 (b)
- Title 42, U. S. Code §9603, 11004
- Federal Regulations - (49 CFR, Parts 100 - 177, esp. §171.15, and Part 263, §263.30)

Q: What are the statutory provisions for written follow-up reports?
A: Written reports are required by several statutes, including:
- Health and Safety Code §25503 (c) (9)
- California Labor Code §6409.1 (a)
- Water Code §13260, 13267
- Title 42, U. S. Code §11004
- Federal Regulations - (49 CFR, 171.16)

CALIFORNIA REGULATIONS

In addition to statutes, several state agencies have notification or reporting regulations:

- Title 8, CCR, §342
- Title 13, CCR, §13-1166
- Title 14, CCR, §1722 (h)
- Title 19, CCR, §2703, 2705
- Title 22, CCR, §66265.56 (j), 66265.196 (e)
- Title 23, CCR, §2230, 2250, 2251, 2556 (b), 2257 (g), 2258 (a), 2259

See California Labor Code §9030 and Proposition 65 for carcinogen reporting requirements.

DEFINITIONS

Q: What is a "Hazardous Material"?
A: "Any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment" (Health and Safety Code, §25501 (k)).

Q: What is a release?
A: "Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, unless permitted or authorized by a regulatory agency" (Health and Safety Code, §25501 (o)).

Q: What hazardous material releases require notification?
A: All significant spills, releases, or potential releases of hazardous materials must be immediately reported.

In addition, all releases that result in injuries, or workers harmfully exposed, must be immediately reported (Cal Labor Code §6409.1 (b)). Notification covers significant releases or threatened releases relating to all of the following:

1) "Hazardous Materials" as defined by §25501, California Health and Safety Code.

2) "Hazardous Substances" as listed in 40 CFR §302.4; the Clean Water Act §307, §311; CERCLA §102; RCRA §3001; Clean Air Act §112; Toxic Substances Control Act §7.

3) "Extremely Hazardous Substances" as required by Chapter 6.95 Health and Safety Code, EPCRA §302.

4) Illegal releases of hazardous waste.

5) Employee exposures resulting in injuries: California Labor Code §6409.1 (b).

6) "Sewage" as required by Water Code §13271 (Reportable quantity is 1,000 gallons).

ACRONYMS

Acronyms are listed in order of use:

OES - Governor's Office of Emergency Services
EPCRA - Emergency Planning and Community Right-to-Know Act (SARA Title III)
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act (aka Superfund)
CHP - California Highway Patrol
Cal/OSHA - California Occupational Safety and Health Administration
DTSC - Department of Toxic Substances Control
DOG - California Division of Oil and Gas
PUC - Public Utilities Commission
MSO - Marine Safety Office, U.S. Coast Guard
CHMIRS - California Hazardous Material Incident Reporting System
DOT - Federal Department of Transportation
HMIS - Hazardous Material Information System
CFR - Code of Federal Regulations
CCR - California Code of Regulations
RCRA - Resource Conservation and Recovery Act

CONTRIBUTORS

This guidance was developed with input from the following agencies participating on the California Hazardous Waste Strike Force:
Governor's Office of Emergency Services
Office of the Attorney General
Office of the State Fire Marshal
California Highway Patrol
California Environmental Protection Agency
Department of Toxic Substances Control
State Water Resources Control Board
Air Resources Board
Department of Pesticide Regulation
California Integrated Waste Management Board
Department of Fish and Game
Department of Forestry and Fire Protection
Department of Food and Agriculture
Department of Industrial Relations
Cal-OSHA
Department of Transportation - CalTrans
Sacramento County Environmental Management
Hazardous Materials Division
U. S. Environmental Protection Agency, Region IX
(the Division of Oil and Gas and Department of Water Resources also provided input)

For Questions on the Federal Emergency Planning and Community Right-to-Know Act
Call EPCRA Title III Hotline:
1 - 800 - 535 - 0202

This booklet was produced
by
Dr. Frederick A. Lercari
Hazardous Material Division
Governor's Office of Emergency Services
Catherine Caraway, editor
Norm Wobschall, graphics

Pete Wilson, Governor

NOTES

- Emergency Notification Summary -

Telephone Calls Required For
All Significant Releases or Potential Releases of Hazardous Materials

At a MINIMUM, the spiller should call:

I. The Local Emergency Response Agency **Administering Agency AND the Fire Department**
9-1-1 or the Local Fire Number
AND
II. The Governor's Office of Emergency Services Warning Center
1-800-852-7550 or 916-262-1621

This Page May Be Removed

In addition to I and II above, the following apply under varying circumstances:

- All releases that equal or exceed Federal Reportable Quantities (CERCLA) - Call the National Response Center (NRC) 1-800-424-8802
- All releases on-highway - Call 9-1-1 (Many will be CHP jurisdiction)
- All hazardous waste tank releases - Call Dept. Toxic Substances Control Regional Office
- All serious worker injuries or harmful exposures - Call Cal/OSHA District Office
- All oil spills at fixed facilities - Call California Division of Oil and Gas District Office
- All spills with a potential to impact water quality (includes sewage above 1,000 gallons) Call OES and the Regional Water Quality Control Board
- All significant potential or actual railroad releases (California definition of hazardous materials)
  Railroad should call - Local Emergency Response Agency, OES and PUC
- All Hazardous Liquid Pipelines - Call OES
  (Hazardous Liquid Pipeline Safety is State Fire Marshal jurisdiction)
- All Natural Gas Pipelines - Call OES and PUC

NOTES

SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

Union Marine Station, Inc.
Fueling Dock
125 Harbor Way at the Breakwater
Santa Barbara, CA 93109

July 31, 2001

SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN
Union Marine Station
125 Harbor Way, at the Breakwater

GENERAL INFORMATION

Name of Facility:	Union Marine Station, Inc.
Type of Facility:	Distributor operated retail marine fueling facility
Location of Facility:	125 Harbor Way at the Breakwater Santa Barbara, California 93109
Facility Mailing Address:	125 Harbor Way, #12 Santa Barbara, California 93109
Facility Operator:	Mr. Robert Meyer (805) 962-7186/(805) 680-1327 pager

Designated person accountable for oil spill prevention, emergency procedures, reporting and employee training:

Robert Meyer, CEO — 8-23-01
Name & Title — Signature

MANAGEMENT APPROVAL
UNION MARINE STATION, INC.

This SPCC Plan has been reviewed and approved as herein stated.

Signature _____ 8-23-01
Name: Robert Meyer — Title: Chief Executive Officer

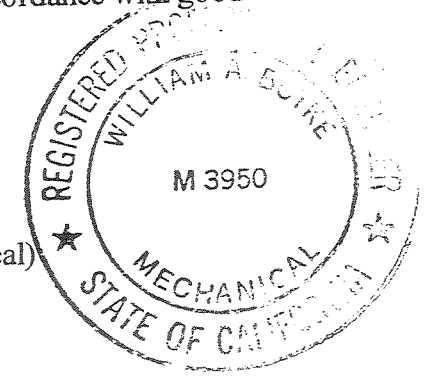
CERTIFICATON

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices and Section 112.7.

WILLIAM BOTKE
Printed Name of Registered Professional Engineer

_____
Signature of Registered Professional Engineer

(Seal)



Date: 8/10/01 — Registration No. 3950 — State CA

1.0 CONTAINMENT SYSTEMS

This marine fueling facility consists of:

(2) 9,942-gallon diesel underground storage tanks.
(2) 9,942 gallon unleaded 92 gasoline underground storage tanks.

1. The tanks are single-walled Plasteel® tanks.
2. Underground tanks are secured by concrete saddles and concrete slabs that would prevent any possibility of floating.
3. Petroleum products are delivered to this marine facility by truck and trailer. The tanks are gauged prior to connecting hoses for deliveries to assure that they will hold the amount of products being delivered. A truck driver is present during the entire delivery process.
4. If a spill should occur, it probably would only be residue product left in a delivery hose that would be collected immediately with absorbent pads.
5. Also, the tank fill boxes are equipped with pollution preventing manholes to insure any spilled product will not enter soil around fill pipe riser.
6. Deliveries to boats are made through meters, hoses, and fueling nozzles. The attendant performs the fueling operation, some times with the assistance of the customer.
7. Suction devices are placed on boat vents at the time of fueling to capture any over-spill.
8. The facility is equipped with an electric "kill switch" on float to cut off all pumps for any emergency.
9. All underground piping and pier & float piping is double-walled. Limited sections of exposed piping on the fueling dock is single-walled, which is inspected daily.
10. Automatic valving is installed in turbine manhole to prevent any possible siphoning of products in the event of a disaster.
11. Also, fusible link valving is installed in the event of fire at the hose loop. Waste oil is pumped from boats direct to barrels.
12. Secondary containment is provided around the meter and hose reels located on the fueling dock to capture any spills/leaks.
13. Flex hoses between the dock and floating dock are replaced every 3 years.

Station operating hours are 6:00 a.m. to 6:00 p.m. Vessels requiring fueling at times other than normal hours of operation will be serviced only if advance arrangements are made. Refer to Figures 1 and 2 for Site Location and Site Plan layout.

This Plan compliments the "Underground Storage Tank Monitoring Program" prepared for the Union Marine Station, Inc. fueling dock and submitted County of Santa Barbara County Protection Services Division (PSD).

2.0 PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES

1. Personnel are properly instructed in the operation and maintenance of equipment to prevent commodity discharges and applicable pollution control laws, rules, and regulations.
2. All spills must be reported. Refer to Section 8.0 for spill definition and reporting procedure.
3. Scheduled spill prevention training for the operating personnel is conducted at least annually to assure adequate understanding of the SPCC Plan.
4. Contractors, sub-contractors, and temporary personnel are informed of facility operating features and spill prevention features that they should know in order to prevent spills from occurring.
5. The facility maintains an adequate supply of absorbent pads to clean up minor spills.
6. API-Ronan tank monitoring equipment provides for automatic precision tests of tanks. The facility also has monitoring probes in four positions on each secondary pipeline.
7. Piping systems have a mechanical leak detection system capable of detecting leaks under 2 gallons per hour (GPH).

3.0 SPILL HISTORY

1) Date: 07/14/94 Volume: Dripping Cause: Pier Piping - Deterioration (Diesel)
Notification: Office of Emergency Services Case #003-119; National Response #24964.

Corrective Action Taken: Replacing all pipelines with new double wall piping with automatic electronic monitoring system.

Plans for Preventing Recurrence: Using new double wall piping and having an automatic electronic monitoring system for the double wall piping.

2) Date: 07/25/94 Volume: 20 – 50 gallons Diesel Cause: Boat overfill - Cruise Aquatics Charter.

Notification: U.S. Coast Guards.

Corrective Action Taken: U.S. Coast Guards responded and assisted in cleanup.

Plans for Preventing Recurrence: Better communication between operators and boat personnel will be mandatory.

All spills/releases are reported on the form provided as Attachment #1.

4.0 THREE YEAR PLAN REVIEW

This SPCC Plan must be reviewed every 3 years from the date it was implemented and one or the other of the following completed:

Plan Review -No Amendment Necessary

I certify that I have made a complete review and evaluation of this SPCC Plan and have found no amendment to this Plan necessary.

Jobber:
Signature:
Date:

Plan Review -Amendment Necessary

I certify that I have made a complete review and evaluation of this SPCC Plan and have found that an amendment is necessary. Describe amendment:

Posting

A copy of this Plan is permanently maintained at this facility.

CERTIFICATION

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices and Section 112.7.

(Seal)

Printed Name of Registered Professional Engineer

Date:

Signature of Registered Professional Engineer

Registration No.:

State:

5.0 INSPECTIONS AND RECORDS

The written procedures and a record of inspections, signed by the appropriate supervisor or inspector, are addressed within this Plan

1. Spill Form - refer to Attachment # 1
2. Three Year SPCC Plan Review - refer to Section 4.0
3. Spill Definition and Reporting Procedure - refer to Section 8.0
4. SPCC Prevention Plan-Check List - refer to Attachment #2
5. Maintenance Check List - refer to Attachment #3
6. Photos - refer to Attachment #4

Records of inspections shall be maintained for a period of three years. If the inspection interval is less than three years, at least two inspections (the most recent and the previous) shall be maintained as part of this SPCC Plan.

6.0 SECURITY

1. Outward flow of tanks' contents, except by operation of pumps, is prevented by anti-siphon devices and solenoid operated valves (always closed unless turbine pump is energized).
2. Starter controls on all pumps are located at site accessible only to authorized personnel.
3. There is an emergency pump shut off location on the float. Shut off valves are at each meter. Each hose has a nozzle that must be held open to operate. There are shut off valves at the hose loop going from pier to float. Each delivery line is equipped with a ball shut off valve and a solenoid control valve (in turbine pit), normally closed unless pump is energized.
4. The facility is adequately illuminated as shown on the Site Plan.

7.0 EMERGENCY TELEPHONE NUMBERS

EMERGENCY SERVICES

U.S. Coast Guard	(805) 962-7430 (National) 800/221-USCG (24 Hours)
Fire Department	911
Sheriff Department	911
Ambulance	911
Santa Barbara Harbor Patrol	(805) 564-5519
Clean Seas	(805) 684-3838
All-Waste (for emergency spill clean-up)	(310) 595-1000 (24 Hours)
California Dept. of Fish & Game, Oil Spill Response Team	(916) 445-0045
County of Santa Barbara PSD	(805) 686-8170

UNION MARINE STATION, INC. FUELING FACILITY PERSONNEL IN CHARGE

		Primary Phone	Home Phone
Owner/Operator:	Robert Meyer	(805) 962-7186	(805) 965-3883
Station Manager:	Scott Streett	(805) 962-7183	(805) 681-9899

8.0 SPILL DEFINITION AND REPORTING PROCEDURE

8.1 DEFINITION OF A SPILL

Any discharge of oil which:

(a) Violates applicable water quality standards, or

(b) Causes a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or causes a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines.

Spills shall be reported as follows:

Shut off source of spilled product first.

Emergency Service U.S. Coast Guard	(805) 962-7430/(800) 221-USCG (24 hr. number)
Fire Department	911
County of Santa Barbara PSD	(805) 686-8170
California Dept. of Fish & Game, Spill Control Response Team, Sacramento	(916) 445-0045 (24 hr. number)
National Response Center	(800) 424-8802 (24 hr. number)

Contain spill as soon as possible and control any fire or water pollution hazard.

8.2 BRIEF OUTLINE OF SPILL PROCEEDINGS

A. Minor Spill

1. Transfer operations stopped immediately.
2. All pumps shut off.
3. Absorbent materials deployed.
4. Santa Barbara County Sheriff, Harbor Patrol notified.
5. U.S. Coast Guard notified.
6. California Fish & Game notified if wildlife threatened.

7. County of Santa Barbara PSD notified.
8. Jobber notified.

B. Major Spill

1. All above procedures for minor spill plus:
2. Fire Department notified.
3. Clean Seas or All-Waste (if required) to assist in clean-up operations.

8.3 EMERGENCY INITIAL RESPONSE PROCEDURES

In the event of a spill, your objectives are:

1. Ensure the safety of personnel.
2. Stop the spillage at the source.
3. Initiate containment activities.
4. Report the spill.
5. Initiate cleanup activities.

8.4 INFORMATION TO BE REPORTED

1. Time of spill, or time first observed.
2. The source of spill, if known.
3. Type of product spilled.
4. Estimate of amount spilled.
5. On-scene weather.
6. Any known fire or health hazards posed by the spill.
7. Where is the spill going?
8. Action being taken to contain and clean up the spill.
9. Any information requested by the agency, so long as the information is known to be factual. Do not guess regarding the cause or potential impacts of the spill.

ATTACHMENT #1

SPILL RECORD
Union Marine Station, Inc.
125 Harbor Way at the Breakwater

Area	Location of Spill		
Date Spill Occurred	Time of Occurrence		
Describe Material Spilled			
Cause of Spill			
Amount of Spill	Volume Recovered		
Spill Reported By	Spill Reported To		
Date and Time Cleanup Began			
Describe How Spill was Cleaned Up/Containerized			
Container Type	Drums	Tank	Other (specify)
Work Order #	Cleanup Performed By		
Injuries or Illnesses; Odor Complaints: Breakdown Report Made:	Yes or No _____ _____ _____		
Additional information which may provide assistance in properly characterizing and disposing of this waste material or eliminating future occurrences:			

ATTACHMENT #2

CONTAINMENT EQUIPMENT/STRUCTURE OR CONTINGENCY PLAN SPCC PREVENTION PLAN CHECKLIST

GENERAL

Secondary containment and/or diversionary structures are used for possible spill sources. Means of containment or diversionary structures include: curbing, culverting, gutters, drains, weirs, booms, other barriers, spill diversion, retention ponds and absorbent materials.

The USTs are single-walled Plasteel® with monitored spill containment sumps at fill and turbine locations. The piping is double-walled except for the hose loops. Adequate absorbent pads are maintained in the event of an incidental release.

Checklist		Yes	No
A.	Drainage		
(1)	Drains from diked storage areas have valves. (locked)	☐	N/A ☐
(2)	Drain valves are manual, open-and-close design.	☐	N/A ☐
(3)	Rain water from diked areas is inspected before drainage.	☐	N/A ☐
(4)	Buried metallic storage tanks:		
a.	New tanks are single-walled Plasteel® to reduce corrosion.	■	☐
b.	Cathodic protection is provided for tanks as necessary.	☐	■
c.	Tanks are pressure tested on a scheduled, periodic basis.	■	☐
(5)	Partially buried metallic tanks are avoided (for stored oil) unless adequate shell coating is provided for the buried portion.	☐	N/A ☐

	Yes		No
(6) Aboveground tanks are tested by one of the following methods:		NONE	
a. Hydrostatic testing	☐		☐
b. Visual inspection	☐		☐
c. Shell thickness testing (comparison records of shell thickness reduction are maintained).	☐		☐
(7) Internal heating coil leakage is controlled by one or more of the following:		NONE	
a. Monitoring the steam return or exhaust lines for oil.	☐		☐
b. Passing the steam return or exhaust lines through a settling tank, skimmer or other separation system.	☐		☐
c. Installing external heating systems.	☐		☐
(8) Visible piping (hoses, gaskets, nozzle connections, valves, & pipe supports) are inspected daily.	■	Visual	☐
(9) Tanks are fail safe engineered by one of the following:			
a. Equipped with electronic monitoring and gauging system .	■		☐
b. High liquid level alarms with an audible signal at a constantly manned station.	☐		■
c. High liquid level pump cutoff devices.	☐		■
d. Direct communication between the tank gauger and pumping station.	☐	N/A	☐

	Yes	No
(10) Plant drainage systems are equipped with either:		
a. Ponds, lagoons or catchment basins to retain oil or,	☐ N/A	☐
b. A diversion system at the final discharge point which could contain an uncontrolled spill and hold product until picked up by emergency spill control vehicles.	☐	■
(11) Flow of drainage water between treatment units is by either:		
a. Natural hydraulic flow or	☐ N/A	☐
b. Two "lift" pumps (1 a spare and 1 permanently installed)	☐ N/A	☐

Discussion: Not applicable

Check List

B. Pipe supports are designed to minimize abrasion and corrosion and allow for expansion and contractions.	■	☐

Discussion:

_____

_____

_____

_____

C. All aboveground valves and pipelines are inspected on a scheduled, periodic basis (including flange joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces).	■	☐

Discussion:

_____

_____

_____

_____

D. Vessels entering the facility are inspected and/or warned to avoid damaging piping.	☐ N/A	☐

ATTACHMENT #3

MAINTENANCE CHECK LIST
(Quarterly inspection unless otherwise noted)

I. UNDERGROUND TANKS

1. Turbine inspection.
2. Commodity identification.
3. Water check in tank compartments.
4. Dialysis test and filter changing –annually.

II. UNDERGROUND PRODUCT LINES TO PIER

1. Pressure test (Piping has API-Ronan X765-A82 Pressure Monitoring System).

III. SHUTOFF VALVES AT SHORE SIDE OF PIER (at Turbine Pits)

1. Verify easy accessibility and operation.
2. Lubricate as needed.

IV. PRODUCT LINES TO FLOAT

1. Visually check all lines for indications of weakness, deterioration or leakage.
2. Inspect all piping hangers and brackets for secure anchoring.
3. Note any additional hangers or brackets that may be needed to avoid sagging lines.

V. PRODUCT DROP LINES FROM PIER TO FLOAT

1. Visually inspect connection of rubber drop hose to galvanized product line.
2. Physically manipulate hoses and connections with valves closed to insure no leakage from cracking or deterioration.
3. Remove all sea life from hoses and visually check.
4. Lubricate shutoff valves as needed.
5. Verify easy accessibility and operation of valves.
6. Replace all rubber hoses when questionable.

VI. FLOAT INSPECTION

1. Annual inspection by diving crew:
   a. Structural damage from other vessels.
   b. Inspect float and pilings for abrasions that have become infested with marine life.
   c. Inspect pilings and planking for dry rot and work damage.
2. Dry dock float as required for structural repair and painting.

3. Inspect mooring straps to insure secure and stable holding.
4. Inspection every 10 years by a licensed marine surveyor.
5. General inspection of gangway structure.

VII. HOSES AND METERS

1. Verify product identification.
2. Inspect meters for proper operation.
3. Visually inspect all hoses.

VIII. FIRE PREVENTION EQUIPMENT

1. Verify fire extinguisher in proper location.
2. Annual fire extinguisher inspection.

IX. ELECTRICAL EQUIPMENT INSPECTION

1. Visual inspection of electric panel including all electrical connection, circuits and switches.
2. Verify emergency shutoff switch on float is in working order.
3. Electronic monitoring and pressure sensing system should be annually certified.

X. SAFETY EQUIPMENT & SUPPLIES

1. Verify supply of absorbent materials and other absorbent pads or absorbent materials.
2. Check first aid kits and supplies.

SPILL CONTROL

I. SPILLS ON FUEL FLOAT

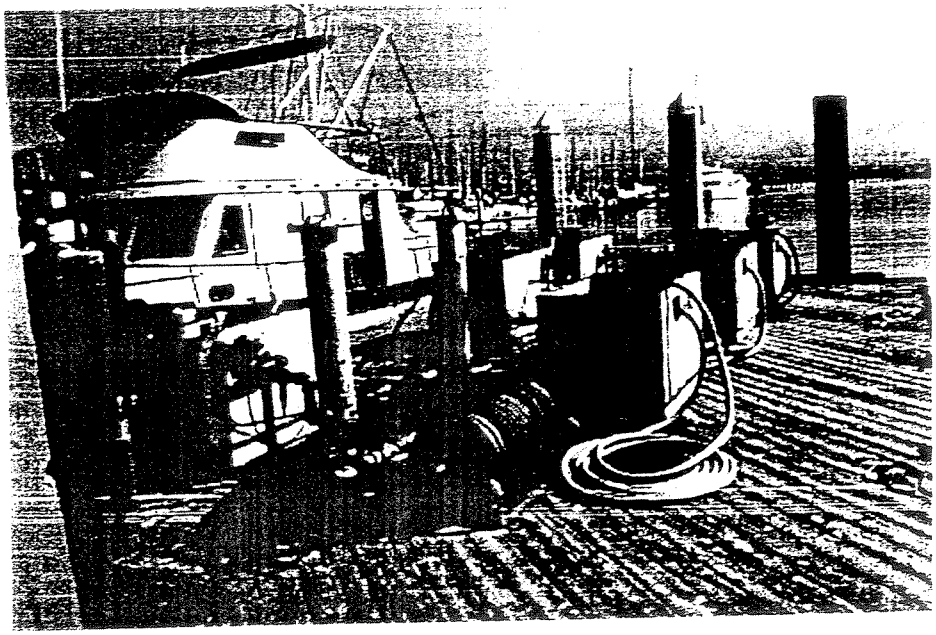
1. Use absorbent blankets or absorbent pads to soak up spill.
2. When necessary use hand pump to pump product into emergency storage barrels.

III. SPILLS ON WATER

1. For small spills use spray dispersant/detergent.

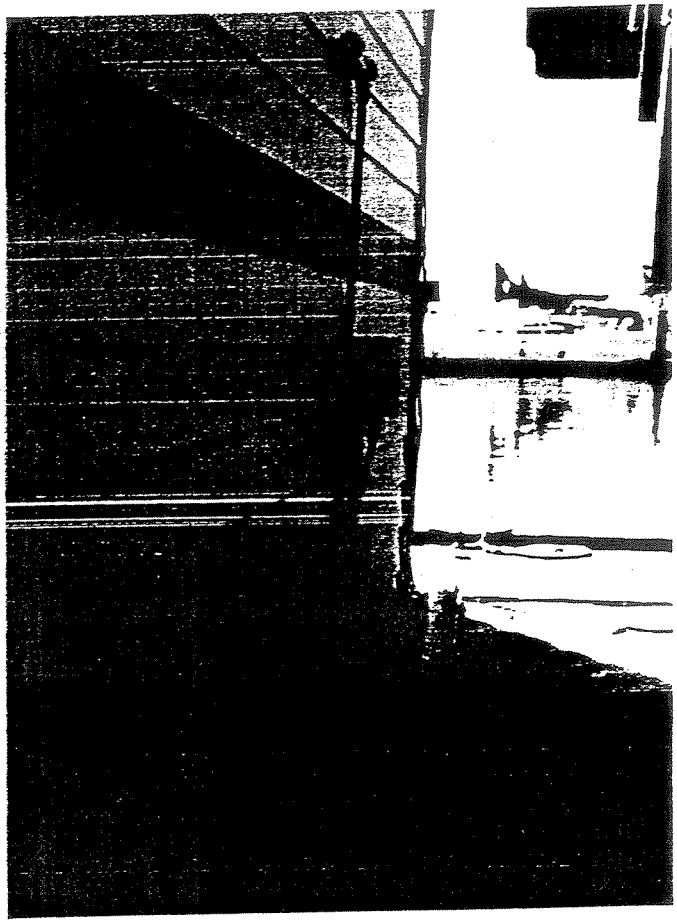
For larger spills follow spill reporting procedure.

ATTACHMENT #4



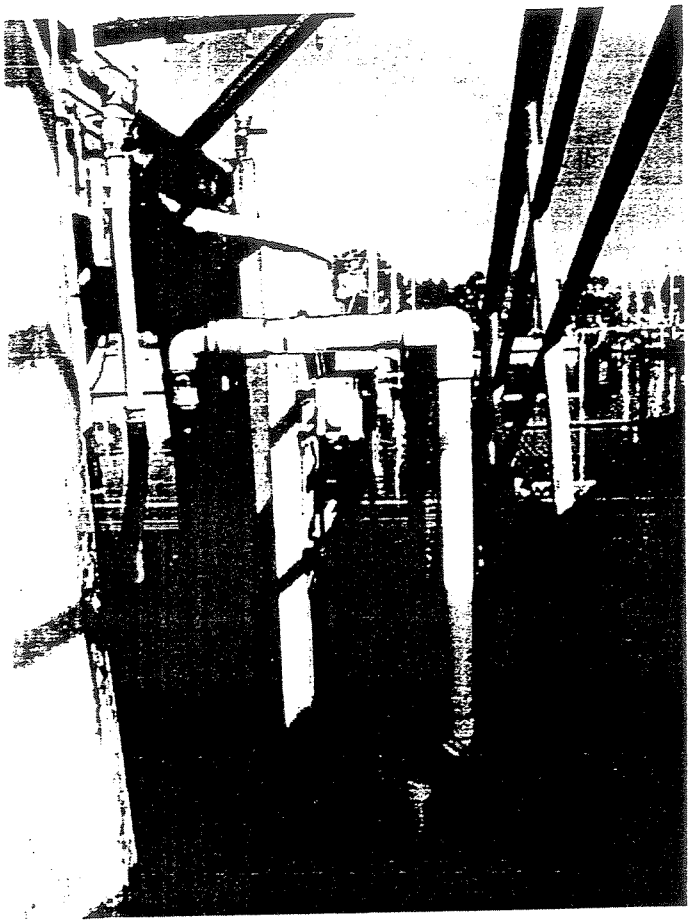
PHOTOGRAPH 1:

View of fuel pumps/meters situated within secondary containment boxes located on the floating dock.



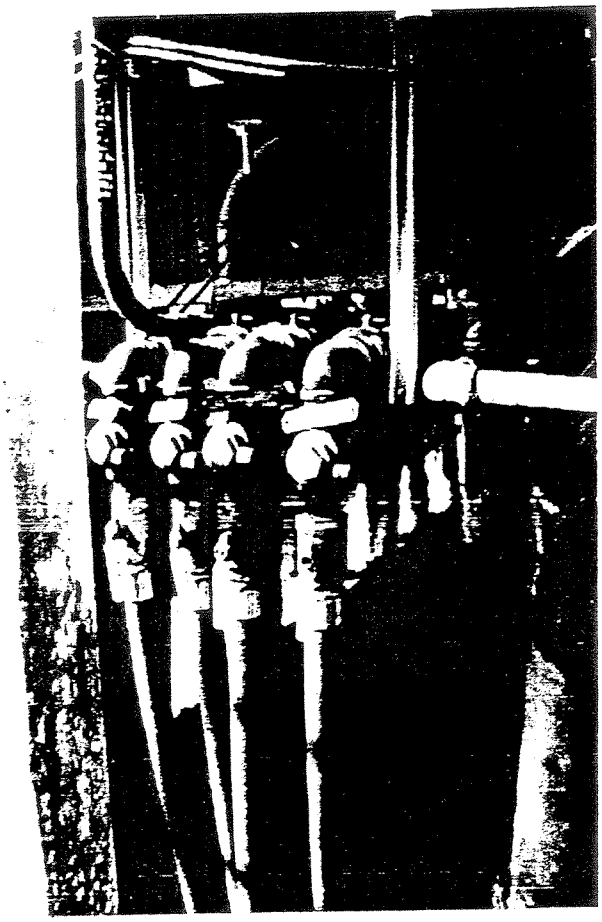
PHOTOGRAPH 2:

A view of leak detection monitoring device for fuel piping located on backside of the Cashier Building.



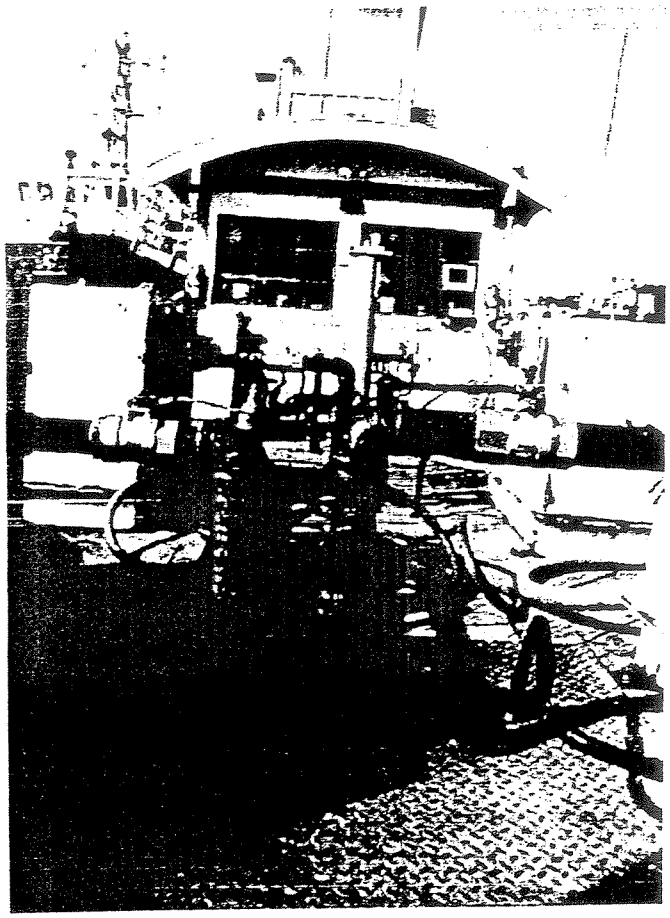
PHOTOGRAPH 3:

A view of the above-ground piping situated between the pier and the floating fuel dock.



PHOTOGRAPH 4:

A view of the fuel piping where it connects from the pier to the floating fuel dock. Industrial rubber lines connect between the double-walled piping located on the underside of the pier to the double-walled piping located on the underside of the floating fuel dock. A valve lever is located on each fuel line (four total) allowing the flow of fuel to be shut down manually to the fuel pumps.



PHOTOGRAPH 5:

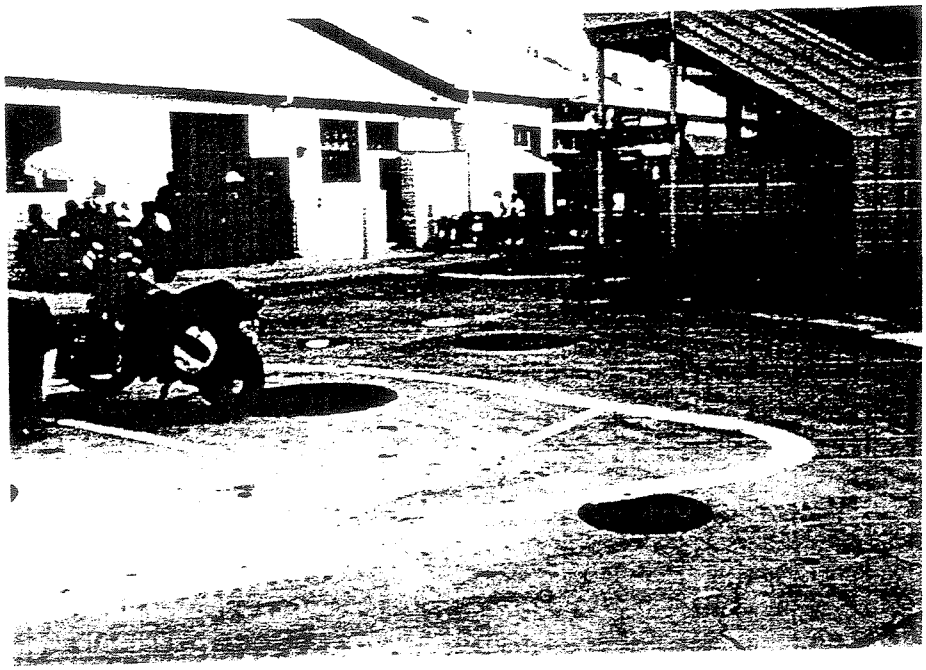
View of single-walled above-ground piping connections to the double-walled piping located beneath the floating dock to the fuel pumps.

PHOTOGRAPH 6:

A view of one of three Emergency Pump Shut-off switches located at the Cashier Building. There is one switch located at both entrances to the building and one inside.

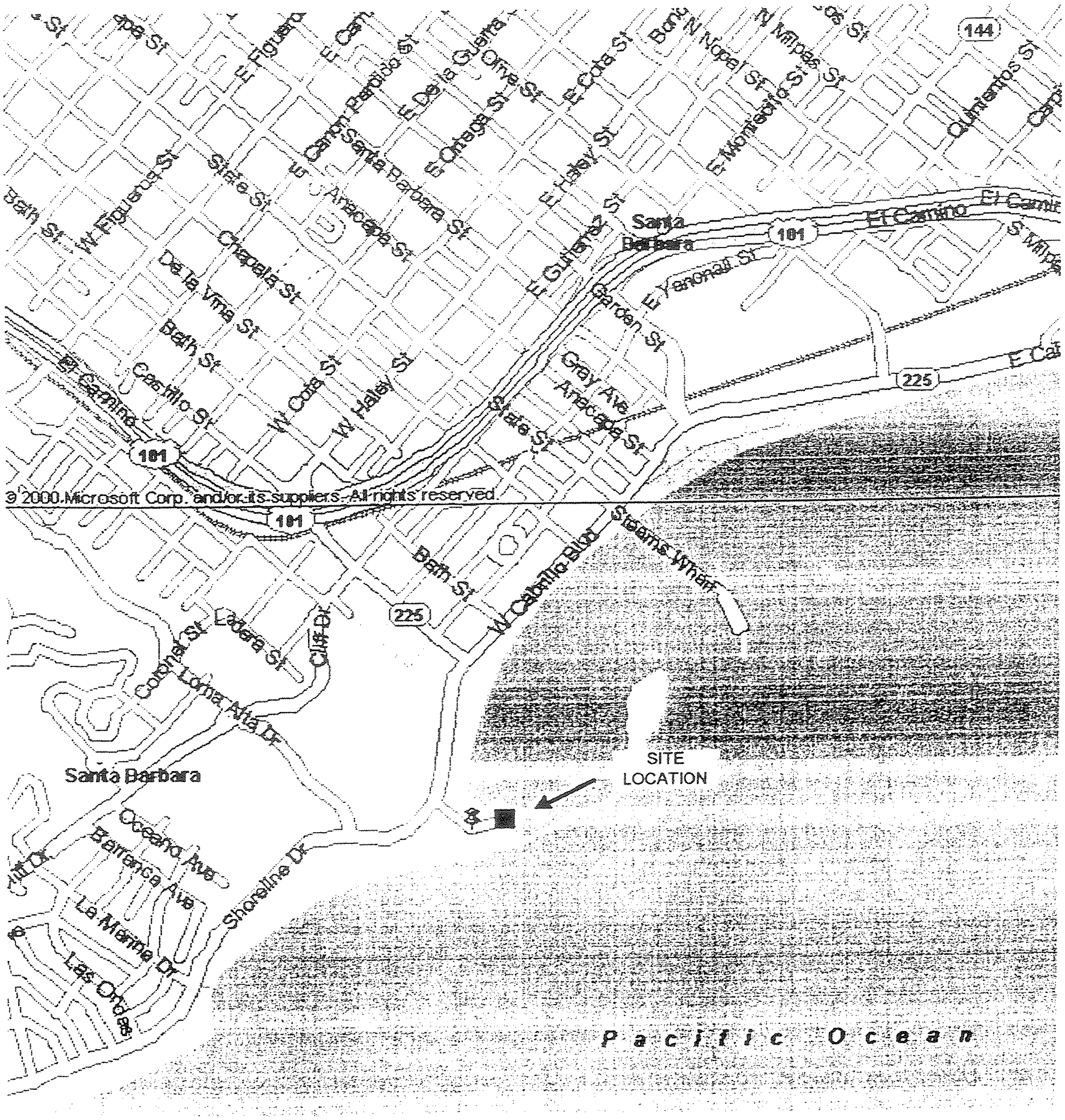
PHOTOGRAPH 7:

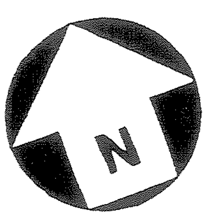
A view of the double-walled fuel piping (red pipe) located on the underside of the pier.



PHOTOGRAPH 8:

A view of the location where the four underground storage tanks are located west of the pier and floating fuel dock.



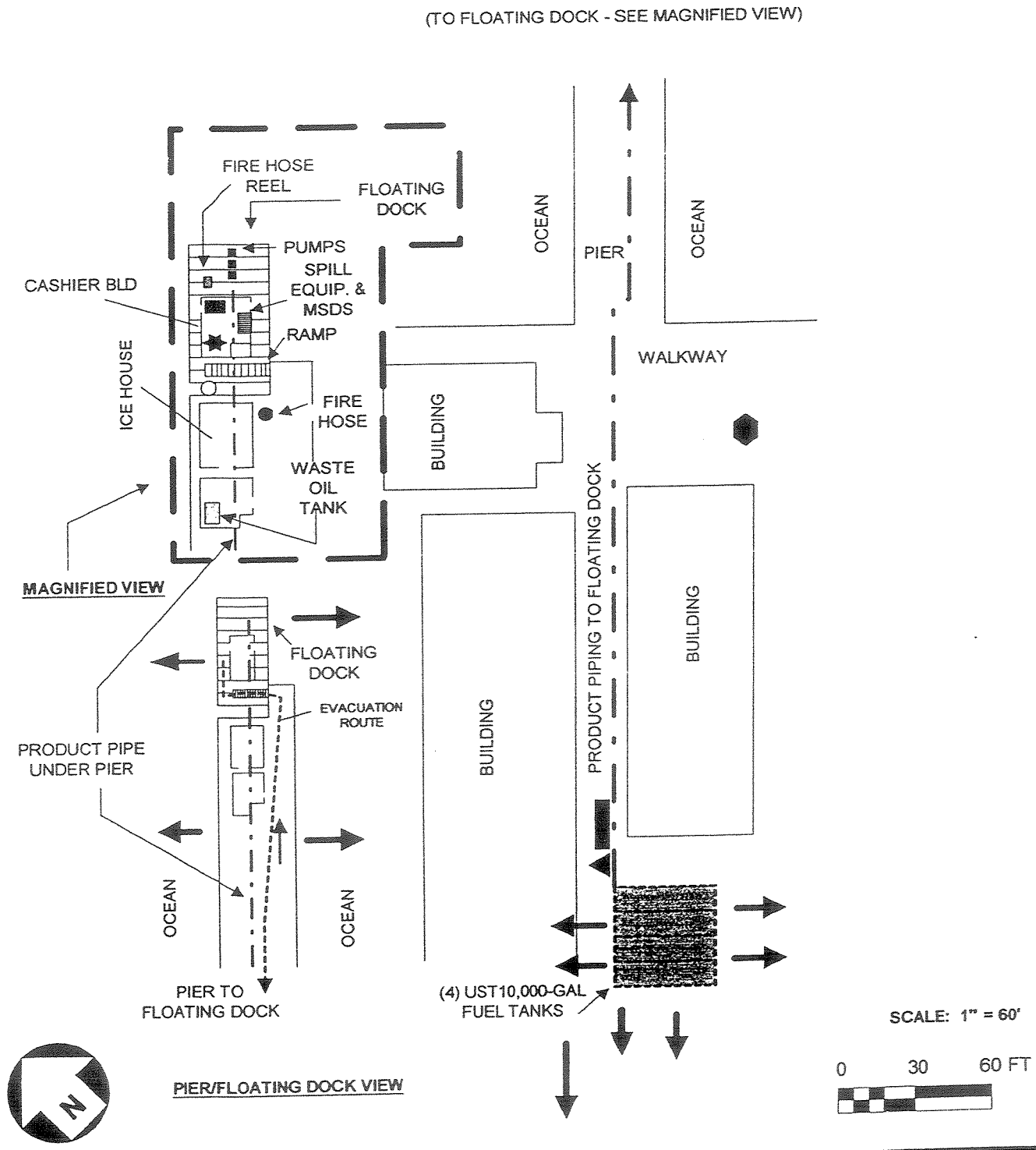


SITE LOCATION MAP

UNION MARINE STATION, INC.
125 HARBOR WAY, AT THE BREAKWATER
SANTA BARBARA, CALIFORNIA

PW ENVIRONMENTAL
230 DOVE COURT • SANTA PAULA, CALIFORNIA • 93060

FIGURE 1



KEY	
HAZARDOUS MATERIAL STORAGE	EMERGENCY PUMP SHUT-OFF
EMERGENCY PUMP SHUT-OFF	TANK MONITORING ALARM
ELECTRICAL PANEL SHUT-OFF	EVACUATION ASSEMBLY AREA
NATURAL GAS SHUT-OFF	SURFACE FLOW
WATER SHUT-OFF	

SITE PLAN
UNION MARINE STATION, INC
FUELING DOCK
125 HARBOR WAY AT THE BREAKWATER
SANTA BARBARA, CA

PS ENVIRONMENTAL
230 DOVE COURT • SANTA PAULA, CALIFORNIA • 93060

FIGURE 2

OIL/FUEL/SEWAGE/HAZARDOUS MATERIALS SPILL

EMERGENCY ACTION CHECKLIST

DATE	TIME	ACTION
		Determine the type, origin, and extent of the spill. Update the evaluation periodically.
		Notify the lead, supervisor, manager, or Waterfront Director of the event.
		Notify: 1. Harbor Patrol at 564-5530. Harbor Patrol will make the following notifications. 2. City Dispatch for Fire and/or Police as needed 897-2410 or telephone 911 3. City Public Works for sewage spills from sewer lines or facilities 564-5413 4. CA/OES (California State Office of Emergency Services) 800-852-7550 5. NRC (National Response Center-USCG) 800-424-8802 6. County Environmental Health 681-4900 (bus.,M-F) or 692-5723 (24-hr. dispatch) 7. USCG LA/LB for Marine Safety Detachment notification 310-732-2000 8. Fish & Game 909-597-9823
		If possible, prevent further contamination, attempt to stop spill at the source and deploy containment booms and absorbent pads.
		Notify the Santa Barbara Police Department if crowd/traffic control is needed.
		If the spill is offshore, refer to the Offshore Oil Spill Incident Plan (separate document).

In the event of a large hazardous materials incident refer to the checklist on the following page.

Spills can be on land, on water, or on both. The source may be natural seeps, vessels, offshore drill rigs, plane crash, or land-based pollution.

The effects of a major spill can be:

1. Fire danger
2. Air pollution
3. Contamination of water, land, air, docks, and vessels.
4. Damage to wildlife

The agencies in charge of the control and clean up are the United States Coast Guard, County of Santa Barbara, and the City of Santa Barbara Hazmat Team. The California Dept. of Fish & Game should also be notified.

To minimize the danger of fire, ignition sources should be secured; electrical service off, smoking prohibited and cell phones turned off.

If the spill emanates from the fuel dock, the fuel line valves should be immediately turned off. The shut offs are located on the City Pier next to the fuel dock, under the base of the City Pier and

inside the fuel dock control boxes in Harbor Way near the Harbor Maintenance office/workshop. The valves under the base of the City Pier are only accessible by boat.

If heavy fumes develop, the area should be evacuated of people.

APPENDIX F

INSPECTION REPORT FORMS

INSPECTION REPORT FORMS

FORM 1 Sampling and Analysis Results

Inspection Report Form Sampling and Analysis

FORM 2 Quarterly Visual Observations of Authorized Non-Storm Water Discharges

FORM 3 Quarterly Visual Observations of Unauthorized Non-Storm Water Discharges

(Non-Storm Water Discharge Inspection Form)

FORM 4 Monthly Visual Observations of Storm Water Discharges (October 1 – May 31)

(Storm Water Discharge Inspection Form)

FORM 5 Annual Comprehensive Site Compliance Evaluation

2006-2007

SIDE A

FORM 1-SAMPLING & ANALYSIS RESULTS

FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S):_____ **TITLE:** _____ **SIGNATURE:** _____

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	**DATE/TIME OF SAMPLE COLLECTION**	**TIME DISCHARGE STARTED**	**ANALYTICAL RESULTS For First Storm Event**									
			BASIC PARAMETERS					**OTHER PARAMETERS**				
			PH	TSS	SC	O&G	TOC	Al	Fe	Pb	Zn	MBAS
	× AM PM	: AM PM										
	× AM PM	: AM PM										
	× AM PM	: AM PM										
	× AM PM	: AM PM										
TEST REPORTING UNITS:			**pH Units**	**mg/l**	**umho/cm**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**	**mg/l**
TEST METHOD DETECTION LIMIT:												
TEST METHOD USED:												
ANALYZED BY (SELF/LAB):												

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

2006-2007

SIDE B

FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

NAME OF PERSON COLLECTING SAMPLE(S):_____ **TITLE:** _____ **SIGNATURE:** _____

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	**DATE/TIME OF SAMPLE COLLECTION**	**TIME DISCHARGE STARTED**	**ANALYTICAL RESULTS For Second Storm Event**									
			BASIC PARAMETERS					**OTHER PARAMETERS**				
			PH	TSS	SC	O&G	TOC					
	__/__/__ AM PM	__:__ AM PM										
	__/__/__ AM PM	__:__ AM PM										
	__/__/__ AM PM	__:__ AM PM										
	__/__/__ AM PM	__:__ AM PM										
TEST REPORTING UNITS:												
TEST METHOD DETECTION LIMIT:												
TEST METHOD USED:												
ANALYZED BY (SELF/LAB):												

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

2006-2007

SIDE A

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

* Quarterly dry weather visual observations are required of each authorized NSWD.

- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: DATE:	**Observers Name:** _____ **Title:** _____ **Signature:** _____	**WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?**	☐ **YES** ☐ **NO** If **YES**, complete reverse side of this form.
QUARTER: DATE:	**Observers Name:** _____ **Title:** _____ **Signature:** _____	**WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?**	☐ **YES** ☐ **NO** If **YES**, complete reverse side of this form.
QUARTER: DATE:	**Observers Name:** _____ **Title:** _____ **Signature:** Diane Ohlmann	**WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?**	☐ **YES** ☐ **NO** If **YES**, complete reverse side of this form.
QUARTER: DATE:	**Observers Name:** _____ **Title:** _____ **Signature:** _____	**WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?**	☐ **YES** ☐ **NO** If **YES**, complete reverse side of this form.

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SIDE B

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

DATE /TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD EXAMPLE: Air conditioner Units on Building C	NAME OF AUTHORIZED NSWD EXAMPLE: Air conditioner condensate	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS Indicate whether authorized NSWD is clear, cloudy, or discolored, causing staining, contains floating objects or an oil sheen, has odors, etc.		DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
			At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					

SIDE A

2006-2007

FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

QUARTER**:** **DATE/TIME OF OBSERVATIONS** ☐ AM ☐ PM	**Observers Name:** ______________ **Title:** ________________________ **Signature:** ____________________________________	**WERE UNAUTHORIZED NSWDs OBSERVED?** **WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?**	☐ **YES** ☐ **NO** ☐ **YES** ☐ **NO**	If **YES** to either question, complete reverse side.
QUARTER**:** **DATE/TIME OF OBSERVATIONS** ☐ AM ☐ PM	**Observers Name:** ______________ **Title:** ________________________ **Signature:** ____________________________________	**WERE UNAUTHORIZED NSWDs OBSERVED?** **WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?**	☐ **YES** ☐ **NO** ☐ **YES** ☐ **NO**	If **YES** to either question, complete reverse side.
QUARTER**:** **DATE/TIME OF OBSERVATIONS** ☐ AM ☐ PM	**Observers Name:** ______________ **Title:** ________________________ **Signature:** ____________________________________	**WERE UNAUTHORIZED NSWDs OBSERVED?** **WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?**	☐ **YES** ☐ **NO** ☐ **YES** ☐ **NO**	If **YES** to either question, complete reverse side.
QUARTER**:** **DATE/TIME OF OBSERVATIONS** ☐ AM _ __:__ ☐ PM	**Observers Name:** ______________ **Title:** ________________________ **Signature:** ____________________________________	**WERE UNAUTHORIZED NSWDs OBSERVED?** **WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?**	☐ **YES** ☐ **NO** ☐ **YES** ☐ **NO**	If **YES** to either question, complete reverse side.

2006-2007

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	**NAME OF UNAUTHORIZED NSWD** EXAMPLE: Vehicle Wash Water	**SOURCE AND LOCATION OF UNAUTHORIZED NSWD** EXAMPLE: NW Corner of Parking Lot	**DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS** Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.		**DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.**
			AT THE UNAUTHORIZED NSWD SOURCE	**AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION**	
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					
__/__/__ __:__ ☐ AM ☐ PM					

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FORM 4-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDEA

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: __________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: __________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: __________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: __________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

2006-2007

SIDE B

FORM 4-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	**DRAINAGE AREA DESCRIPTION** EXAMPLE: Discharge from material storage Area #2	**DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS** Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	**IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS** EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	**DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION**
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				

2006-2007

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate “None” in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: ___________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: ___________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: ___________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
Observation Date: ______________	Drainage Location Description	#1	#2	#3	#4
Observers Name: ________________	Observation Time	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Title: ___________________________	Time Discharge Began	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.	: ☐ P.M. ☐ A.M.
Signature: ___________________________________	Were Pollutants Observed (If yes, complete reverse side)	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

2006-2007

SIDE B

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION EXAMPLE: Discharge from material storage Area #2	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				
__/__/__ __:__ ☐ AM ☐ PM				

2006-2007

SIDE A

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: _____ **INSPECTOR NAME:** _____ **TITLE:** _____ **SIGNATURE:** _____

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)			Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form		
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)			**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form	.	
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)			**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form		
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)			**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ☐ YES ☐ NO	If yes, to either question, complete the next two columns of this form		
	ARE ADDITIONAL/REVISED BMPs NECESSARY? ☐ YES ☐ NO			

2006-2007

SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: ____________ **INSPECTOR NAME:** ____________________ **TITLE:** ____________________ **SIGNATURE:** ____________________________

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ **YES** ☐ **NO** **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐ **YES** ☐ **NO**	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ **YES** ☐ **NO** **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐ **YES** ☐ **NO**	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ **YES** ☐ **NO** **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐ **YES** ☐ **NO**	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	**HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?** ☐ **YES** ☐ **NO** **ARE ADDITIONAL/REVISED BMPs NECESSARY?** ☐ **YES** ☐ **NO**	If yes, to either question, complete the next two columns of this form	**Describe deficiencies in BMPs or BMP implementation**	**Describe additional/revised BMPs or corrective actions and their date(s) of implementation**

APPENDIX G

STORM WATER POLLUTION PREVENTION

COMPLIANCE ACTIVITY SCHEDULE

STORM WATER POLLUTION PREVENTION
COMPLIANCE ACTIVITY SCHEDULE

The Waterfront Department has completed and will implement this Storm Water Pollution Prevention Plan (SWPPP) and Monitoring Procedures and Reporting requirements in accordance with the NPDES General Permit for Storm Water Discharges for Industrial Facilities. The following tables include a list of action steps that will be taken to ensure compliance with the General Permit for the current reporting period (July 1, 2005 to June 30, 2006). Each list includes references for Sections and page numbers in the SWPPP describing the action activity. These tables will be included in the Compliance Evaluation part of the Annual Report and updated annually.

Table G-1 is designed to track that the required monitoring activities have been completed within the designated time frame. It includes a list of the monitoring requirement and the time frame for when the monitoring must be completed. The Inspector conducting the monitoring activity should enter a date when the activity has been completed and his/her name or initials.

Table G-2 is designed to track action items identified in the SWPPP to reduce or eliminate potential sources of pollution and/or non-storm water discharge. Some of the action items identified in the SWPPP are to be completed during this monitoring period; others are for future consideration or are contingent upon results on the sampling and analysis. This table lists the non-structural and structural best management practices (BMPs) that are to be completed for this monitoring period. Upon completion of an action item, the Inspector shall indicate the date of completion, comment on the results of the action taken, and identify any future action, if required. This list can be incorporated into the Compliance Evaluation part of the Annual Report. This table may be in two parts for the Annual Report; one describing the action items identified and completed for the current reporting period, and a second part or separate table describing the action items proposed for the following reporting period.

EXAMPLE

Table G-1: SWPPP Requirements for Reporting Period July 1, 2005 to June 30, 2006

Activity and Timing	*Date Completed*	*Completed By*[1]
Non-Storm Water Visual Observations • Requirements: Section B - 3.0, pg. B-1 (*Exceptions: Section B - 9.0, pg. B-4) • Inspection Reporting Form: Appendix F • Description of drainage areas: Section A - 4.0, pg. A-4 and 5, Figure C-2 (App. C) • Description of non-storm water discharges: Section A - 6.0, No.5, pg. A-8 • Methods: Section B - 10.0, pg. B-4		
July - September		
October - December		
January - March		
April - June		
Sampling and Analysis • Requirements: Section B - 5.0, pg. B-2 (*Exceptions: Section B - 9.0, pg. B-4) • Inspection Reporting Form: Appendix F • Sampling Locations: Section B - 7.0, pg. B-3 and Figure C-3 (App. C) (Sampling locations described in Section A - 4.0, pg. A-4 and 5.) • Methods: Section B - 10.0, pg. B-4.		
October: Collect within one hour of discharge from first eligible storm event after October 1.		
October - May: Collect within one hour of discharge from one other storm event during wet season.		
Storm Water Discharge Visual Observation • Requirements: Section B - 5.0, pg. B-2 (*Exceptions: Section B - 9.0, pg. B-4) • Inspection Reporting Form: Appendix F • Potential Pollution Sources: Figure C-3 (App. C) (Potential pollution sources described in Section A - 6.0, pg. A-6 to 8; also see Section A - 8.0, No. 7, pg. A-14 and 15) • Methods: Section B - 10.0, pg. B-4.		
October		
November		
December		
January		
February		
March		
April		
May		
Annual Report • Requirements: Section B - 14.0, pg. B-6 (Also see Section A - 9.0, Annual Comprehensive Site Compliance Evaluation pg. A-17 and 18.)		
July 1 (must be submitted by this date)		
Record Keeping • Requirements: Section B - 13.0, pg. B-5 and 6		

* Exceptions must be explained and the explanation included in the annual report.

EXAMPLE

Table G-2: SWPPP Action items Identified for Reporting Period July 1, 2005 to June 30, 2006

Action	*SWPPP Page No.*	*Completed by (Date/Person)*	*Results/Comments*	*Future Action (if required)*
For unauthorized non-storm water discharges identified in the SWPPP and Annual Report (including those associated with restaurant operations), the Waterfront Department would like to work with the RWQCB to determine if these discharges can be allowed to continue as low-threat, authorized non-storm water discharges under the NPDES General Permit.	A-8 (and Annual Report part F.2.c)			
Continue to include a surfactants (MBAS) test as part of the analysis of water samples.	B-3			
Maintain records of all storm water monitoring information and copies of all reports.	B-5 to B-6			

APPENDIX H

CERTIFICATION OF COMPLIANCE

CERTIFICATION OF COMPLIANCE WITH THE PROVISIONS OF THE NPDES GENERAL PERMIT FOR INDUSTRIAL ACTIVITIES

Santa Barbara Harbor
309 Shoreline Drive
Santa Barbara, CA 93109

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Signed: _____

Date: _____

This document was prepared by Science Applications International Corporation for the Santa Barbara Waterfront Department. Based on my observations and information provided by the Waterfront Department, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: _____

Date: _____

APPENDIX I

MINIMUM CONTROL MEASURES (MCM)
NOVEMBER 2005

MINIMUM CONTROL MEASURES (MCM)

As part of the City of Santa Barbara the RWQCB requires that the WFD be included in the City's NPDES Permit and update its existing SWPPP to include the six Minimum Control Measures identified in the City of Santa Barbara Storm Water Management Program (SWMP). This section identifies the six MCMs and outlines existing and proposed programs, policies, and enforcement activities within the Waterfront area.

The State General Permit defines a SWMP for a small MS4, such as the City, as a program comprised of six elements that, when implemented together, are expected to reduce pollutants discharged into receiving water bodies to the maximum extent practicable. These six program elements or MCMs include:

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Storm Water Management in New Development and Redevelopment
6. Pollution Prevention/Good Housekeeping for Municipal Operations

The goal of the SWMP is to reduce the discharge of pollutants to the maximum extent practicable, protect water quality, and satisfy the appropriate water quality requirements of the Clean Water Act. This goal is achieved in this document by identifying and implementing a range of BMPs that address the concerns outlined in the six MCMs. BMPs include treatment controls, operation procedures, and practices to control site runoff, spills and leaks, sludge or waste disposal, or drainage from raw material storage. BMPs will be updated as appropriate to comply with any additions or changes to NPDES permit requirements.

MCM 1: Public Education and Outreach on Storm Water Impacts

Best Management Practices

The State General Permit requires that permittees implement a public education program to distribute materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.

The following discussion outlines how the Waterfront Department meets and proposes to continue to meet the permit requirements through implementation of public education efforts as well as new public education programs throughout the five-year permit period.

1. <u>Distribution of Water Quality Information via Brochures and Permanent Postings</u>

The WFD currently conducts public education and outreach by providing informational brochures to Waterfront tenants and users (available at the Waterfront Department

Administrative Offices, Harbor Patrol, and occasionally disseminated to slip holders). Informational brochures have been developed in conjunction with the Community Environmental Council, Coastal Commission, and Department of Boating and Waterways and include information on the WFD's Clean Marina Program. Although brochures are currently available to all users of the waterfront area, the WFD proposes to provide them to all existing slip holders and as a billing insert, once annually, as well as to all new slip holders. These brochures emphasize water quality regulations, clean water practices, prohibited practices, and enforcement activities. The WFD also provides this information to tenants of WFD property on an annual basis. Additional brochures are made available to the public at the business office and Harbor Patrol office.

Additionally, the WFD proposes to permanently post water quality information signs at the gates of all marinas to notify/remind slip holders of water quality standards within the waterfront area; postings will also serve to remind slip holders that the Santa Barbara Harbor is a certified clean marina harbor. The postings would be similar to signs that are currently in place at the launch ramp and would be consistent with the California Clean Boating Network standards. The postings would include an information and complaint telephone number.

2. Publication of "Docklines"

The Waterfront Department publishes "Docklines" three times per year, which is distributed to permittees of the harbor and includes current events and updated information on Waterfront Activities. The flyer includes a "Clean Marina Corner" section which is dedicated to information on water quality programs and issues affecting Waterfront use.

3. Coordination of Clean Water Information with Local Groups

The WFD proposes to coordinate with local agencies to disseminate Santa Barbara Harbor water quality information to a larger audience, including distribution of clean marina program updates on community websites.

A revised (as needed) informational brochure will be distributed to local water quality interest groups and other organizations annually.

4. Presentation of Waterfront Department Programs

WFD staff routinely makes presentations educating various organizations that conduct business at or otherwise use the Waterfront area on the BMPs and practices they can do to maintain the water quality of the Harbor. Historically, those organizations have included Channel Islands Marine Sanctuary, Maritime Museum docent program, Leadership Santa Barbara, Santa Barbara Yacht Club, and Santa Barbara Women's Business. Although this program has been administered informally in the past, the WFD proposes to formalize the presentation process and include a section on the WFD website notifying the public on when future presentations will be made and how to schedule additional presentations.

Additionally, the WFD makes use of the public attendance of the annual Harbor and Seafood Festival to educate attendees on current stormwater pollution and prevention strategies. This is achieved through coordination with the Santa Barbara Channel Keeper and Heal the Ocean to

set-up booths at the festival, providing information on water quality programs and storm water management within the waterfront area.

5. Provide a copy of the WFD General Industrial Permit to the City offices to be made available to the general public

The WFD General Industrial Permit and Annual Report is currently available at the WFD administrative offices and from the RWQCB. The WFD proposes to provide an additional copy to the City of Santa Barbara to be made available to the general public at the City planning desk.

Implementation of Public Education and Outreach

The WFD administrative staff is responsible for implementation of Public Education and Outreach Minimum Control Measure. .

Measurable Goals

Goal 1: Distribute brochures to tenants and slip holders annually as part of billing statements and to all new slip holders. Years 1-5

Goal 2: Create postings for all slip entrances identifying existing water quality tips and regulations, and potential enforcement actions, using resources from the California Clean Boating Network, and including an information and spill reporting telephone number. Years 2-5.

Goal 3: Include a copy of informational brochures supplied to Waterfront tenants and users on local environmental groups website's, including but not limited to the Community Environmental Council, Project Clean Water, and City of Santa Barbara. Years 2-5.

Goal 4: Formalize presentation process and identify presentation schedule and information number on WFD website. Ongoing, years 2-5.

Goal 5: Assess effectiveness through annual review of the program. Ongoing, years 1-5.

Goal 6: Expand program to interface with Regional Clean marina Programs. Years 3-5.

Goal 7: Publish and distribute "Docklines" three times per year. Ongoing, years 1-5.

Goal 8: Continue to coordinate with Santa Barbara Channel Keeper and Heal the Ocean to disseminate water quality information at their booths at the annual Harbor and Seafood Festival. Years 1-5.

MCM 2: Public Involvement/Participation

Best Management Practices

The following best management practices have been identified by the WFD to fulfill the MCM requirement for public involvement/participation in the WFD's water quality programs.

1. Discharge Ordinance

The WFD has conducted several forums on its Discharge Ordinance (17.16.010: Discharge of Contaminants into Harbor Waters Unlawful). The Discharge Ordinance is a key component of the Clean Marina Program and gives the WFD the legal authority to cite violators. The forums identify methods of conducting routine boat maintenance in a manner that greatly reduces or eliminates the discharge of anything into the harbor.

The WFD proposes to formalize the Clean Marina Program forum to occur annually and to post the schedule for future forums on the WFD website and advertise within the waterfront area. .

2. California Clean Boating Network <http://www.coastal.ca.gov/ccbn/ccbndx.html>

The WFD is a participating member of the California Clean Boating Network – Central Coast. Members of the California Clean Boating Network (CCBN) believe that the contribution of pollution from boating to California's waterways can be significantly reduced by educating boaters about the impacts of boating and about environmentally sound boating techniques. *The Changing Tide* newsletter is the quarterly publication of the California Clean Boating Network (CCBN). The newsletter is dedicated to promoting clean boating practices in California by focusing on new trends in clean boating practices and environmental services for boaters.

The CCBN "Action Plan" proposes a number of projects which are aimed at reducing and educating boaters about the CCBN objectives, some of which have already been completed. Projects include:

• **Catalog of Marina and Boater Pollution Education Materials.** This catalog provides an easy way to obtain educational materials.

• **Documentation of Oil and Sewage Disposal Facilities**, and other environmental services in California marinas. Available on the website.

• **Point of Purchase Displays.** CCBN members have collaborated to educate boaters through information posted at marine supply shops.

• **Green Businesses.** This certification program will recognize marinas and underwater hull cleaning businesses which adopt best management practices.

• **Dockwalkers.** CCBN member organizations exert "pier pressure" by training boaters to teach other boaters to be better environmental stewards.

• **Boat Show Outreach.** CCBN members collaborate to provide education at boat shows throughout California.

3. Public Comment/Review

The WFD encourages feedback from the public on water quality issues that are of concern and has an open door policy that allows the public to submit comments on waterfront activities during normal operating hours (7:30 AM – 4:00 PM).

4. Outreach Education and Public Involvement

Periodically, the WFD is utilized as an environmental educational tool for local primary and secondary schools to learn about the interface of natural resources with industrial activities. This activity is generally implemented through the Santa Barbara Harbor Patrol. The WFD encourages the use of their facilities for such opportunities to educate students on how the WFD protects the integrity of the Harbor and the surrounding community. The WFD also utilizes the help of community groups/organizations to aid in various tasks around the WFD. These tasks include: trash pick-up, recycling pick-up, landscape work, etc. Relationships with these groups are intended to inform the public about WFD activities, not necessarily provide the WFD a service; therefore, the WFD does not require nor rely on these groups to perform WFD duties. However, the WFD supports the relationship with community groups/organizations and continues to inform them of needed help and newly identified tasks as they arise. The WFD proposes to formalize this program and establish a notification for local organizations on volunteer opportunities in the waterfront area.

Additionally, an annual volunteer day at the waterfront area is being planned- the First Annual Harbor Clean-up. This community volunteer event will focus on removing sunken trash from the bottom of the harbor and adjacent areas. Planning for this major event is in process.

Implementation of Public Involvement/Participation

The WFD is responsible for implementation of the Public Involvement/Participation Minimum Control Measures. The WFD holds forums and meetings with Waterfront users, specifically boaters, to explain the provisions of the Discharge Ordinance and Berthing Standards. Clean boating information is disseminated to boaters in collaboration with the California Clean Boating Network.

Measurable Goals

Goal 1: Annual reporting at the Harbor Commission. Ongoing, Years 1-5.

Goal 2: Regional Agency Coordination. The WFD is currently responsible to present all BMP's, monitoring activities, water quality sampling, and pollution citation logs to the RWQCB in an Annual Report and in a SWPPP (if updated with additional BMPs/regulations). This documentation is available to the public at the WFD administrative offices and at the RWQCB. Ongoing, Years 1-5.

Goal 3: Notify, at a minimum, 5 schools per year and 2 community groups to encourage local participation in educational activities involving the WFD. Increase the number of community groups/organizations or numbers of attendees each year through advertising or other means of announcements. Ongoing, Years 1-5.

Goal 4: Implement the first Annual Harbor Clean-up Day to encourage and engage the community with the BMPs adopted by the WFD and to encourage community groups to participate in maintenance activities involving the WFD. Years 3-5.

MCM 3: Illicit Discharge Detection and Elimination

Best Management Practices

The following discussion outlines how the WFD currently monitors and proposes to continue to meet the general permit requirements for illicit discharge detection and elimination BMPs. The following BMP's are prescribed under the existing General Industrial Permit and continue to be implemented, monitored, and reviewed as part of the SWPPP reporting process. The BMPs have been enforced in the past and will be enforced in the future by the onsite Harbor Patrol as allowed under ordinance 17.16.10, and WFD administrative staff and their contractors. Logs, from daily monitoring by the Harbor Patrol, identifying warnings and citations issued for each reporting year are included in the Annual Report and reviewed by the RWQCB annually. The program for identification and elimination of illicit discharge sources is comprised of the following parts:

- Site Map of Drainage Systems (Figure 1, Appendix C)
- Spill and Complaint Response for Non-Storm Water Discharges
- Field Investigation and Abatement
- Municipal Code Enforcement

1. Site Map of Drainage Systems

Identification of drainage patterns and discharge locations is important in detecting sources of illicit discharge. Maps of the entire area covered by the SWPPP are located in Appendix C. The maps demarcate the drainage area patterns and associated storm water collection systems, discharge locations, and sampling locations to help identify potential pollution pathways, collection areas, and end-point entrance locations into the water-body of concern. These maps also identify the existing buildings, boat maintenance areas, rock groin, and harbor area with the four marinas.

2. Spill and Complaint Response for Non-Storm Water Discharges

- An Outline of Hazardous Material Spill (oil and gas) Reporting Procedures is included the Emergency Response Plan (ERP) for the waterfront area and in Appendix. First response procedures for spills include the immediate booming/absorption of materials within the harbor and notification of Santa Barbara Harbor Patrol, U.S. Coast Guard, Santa Barbara County Environmental Health, and California Office of .Emergency Services. All WFD staff are familiar with the ERP and its location; however, as a general rule, Santa Barbara Harbor Patrol are the first responders to the site and execute response and notification procedures. A warning and citation log, including response activities, is included in the Annual Report. These Procedures would continue to be implemented and enforced by the WFD and the Harbor Patrol.

- The WFD ensures that appropriate material handling procedures and storage requirements are employed as required by the General Industrial NPDES permit and outlined in Section B of the WFD's SWPPP. These procedures and storage requirements

are formally monitored quarterly during the dry season and monthly during the wet season as part of the SWPPP monitoring process. Procedures are also monitored daily by the Harbor Patrol as part of routine inspections.

- The WFD has identified procedures for spill clean-up and educates staff and tenants about these procedures through distribution of informational brochures (outlined in MCM 1). Harbor Patrol is the first contact for spill response and they are responsible for notifying other agencies and organizations as appropriate. Harbor Patrol maintains booms, absorbent pads, and other containment equipment to immediately respond to spills. Appropriate spill clean-up equipment in accessible areas to WFD staff and tenants as required by section 8.0.

- Report spills in accordance with federal, state, and local regulations as required by the General Industrial NPDES permit, ERP, and outlined in Section B and Appendix E.

3. Field Investigation and Abatement

- As part of the existing storm water management program, the WFD has identified areas of potential illicit discharge and monitors these discharge points (1) during monthly wet season monitoring; (2) quarterly throughout the year independent of a rain event; and (3) daily as part of Harbor Patrol activities. The findings from the monitoring efforts are disclosed in the WFD Annual Report as required by section B, in the form of warning and citation logs, all monitoring and response activities, and quality control of existing BMP's including the proposal of additional BMP's as needed.

- The WFD monitors and documents non-storm water related leaks and spills in the Waterfront or surrounding property throughout the year and reported by the Inspector in accordance with the General Permit and the SWPPP (similar to those procedures described above). Documentation of monitored leaks and spills are disclosed in the WFD Annual Report as required by Section B.

- The WFD educates and enforces discharges and potential discharges to eliminate risk of illicit discharge into the harbor. The NPDES permit for the WFD requires annual employee training and tenant awareness: informing tenants and personnel of spill prevention and response, good housekeeping, and material management practices. These issues are distributed at informational sessions, employee and tenant meetings, notices, and through informational brochures.

  As part of MCM 1, the WFD proposes to formalize the education and information process, by providing permanent postings, and establishing a Clean Marina Program forum schedule for tenant and slip holders.

- Enforcement of existing ordinances related to water quality and accident prevention within the harbor area is ongoing as part of Harbor Patrol responsibilities. Enforcement includes the issuance of warnings and citations, as well as routine monitoring and follow-up monitoring, support for water quality sampling, and notification of relevant agencies and organizations for spill response. The following table outlines spill response procedures for the waterfront area as presented in the ERP.

Hazardous Material Spill (Oil-Fuel-Sewage-Hazardous Materials)
Emergency Action Checklist (Example)

DATE	TIME	ACTION
		Determine the type, origin, and extent of the spill. Update the evaluation periodically.
		Notify the lead, supervisor, manager, or Waterfront Director of the event.
		Notify: 1. Harbor Patrol at 564-5530. Harbor Patrol will make the following notifications. 2. City Dispatch for Fire and/or Police as needed 897-2410 or telephone 911 3. City Public Works for sewage spills from sewer lines or facilities 564-5413 4. CA/OES (California State Office of Emergency Services) 800-852-7550 5. NRC (National Response Center-USCG) 800-424-8802 6. County Environmental Health 681-4900 (bus., M-F) or 692-5723 (24-hr. dispatch) 7. USCG LA/LB for Marine Safety Detachment notification 310-732-2000 8. Fish & Game 909-597-9823
		If possible, prevent further contamination, attempt to stop spill at the source and deploy containment booms and absorbent pads.
		Notify the Santa Barbara Police Department if crowd/traffic control is needed.
		If the spill is offshore, refer to the Offshore Oil Spill Incident Plan (separate document).

Additionally, the following language is presented with the spill response procedures in the ERP:

> In the event of a large hazardous materials incident refer to the checklist on the following page (*from the ERP*).
>
> Spills can be on land, on water, or on both. The source may be natural seeps, vessels, offshore drill rigs, plane crash, or land-based pollution.
>
> The effects of a major spill can be:
>
> - Fire danger;
> - Air pollution;
> - Contamination of water, land, air, docks, and vessels; and
> - Damage to wildlife.
>
> The agencies in charge of the control and clean up are the United States Coast Guard, County of Santa Barbara, and the City of Santa Barbara Hazmat Team. The California Dept. of Fish & Game should also be notified.
>
> To minimize the danger of fire, ignition sources should be secured; electrical service off, smoking prohibited and cell phones turned off.
>
> If the spill emanates from the fuel dock, the fuel line valves should be immediately turned off. The shut offs are located on the City Pier next to the fuel dock, under the base of the City Pier and inside the fuel dock control boxes in Harbor Way near the Harbor Maintenance office/workshop. The valves under the base of the City Pier are only accessible by boat.
>
> If heavy fumes develop, the area should be evacuated of people.

- Harbor Patrol performs routine daily inspections of the WFD for illicit discharges and maintains a Watch Log and Pollution Warning Log to record any pollution incidents, warnings, and/or citations. These logs are presented in the Attachment D of the Annual Report.

4. Municipal Code Enforcement

The Santa Barbara Municipal Code (SBMC) provides enforcement authority for illicit discharges, which are enforced by the Harbor Patrol. Authority for detection and elimination of illicit discharges and illegal connections are referenced or described in the following Municipal Codes:

SBMC Title 1 Administrative Code Enforcement Procedures necessitates issuing a warning before any fines can be levied. Fines range from $100 for the first violation to $250.00 for the third violation occurring within a twelve-month period. The fine is a lien against the real property.

SBMC Title 14 Water and Sewers, Natural Watercourses and Storm Drain System regulates work and other activities within the creek channel. This title prohibits dumping in creeks/channels, or allowing any obstruction to a creek or channel or dumping in a creek/channel, and prohibits any unpermitted grading, fill or stream bed alteration without a permit.

SBMC Title16 Liquid and Industrial Waste Disposal was adopted to protect the waters of the State; provide against pollution of streams, creeks and storm drains; control and regulate discharges to storm drains; and to control and regulate all discharges of waste or wastewater directly or indirectly into the sewage system and treatment and disposal works of the City of Santa Barbara.

The WFD has also adopted the following ordinance and enforces it through daily monitoring by Harbor Patrol, monthly monitoring during the wet season and quarterly monitoring during the dry season by an independent environmental consulting company. Any violation of the ordinance is recorded and responded to within 24 hours of detection, proceeded by follow-up inspections:

17.16.10 Discharge of Contaminants into Harbor Waters Unlawful

> It is unlawful for any person to discharge, either directly or indirectly, any pollutant or contaminating substance or material, including rubbish, trash, litter, sewage, or refuse of any kind into the waters of the Santa Barbara Harbor. The terms "pollutant" or "contaminating substance" also includes ballast water, bilge water or waste water containing or contaminated with any paint, varnish or other insoluble products in a liquid state. The terms "pollutant" or "contaminating substance" shall not include "wash down water", engine discharge or exhaust gas or substances normally contained in such discharges or exhausts, or galley sink, shower or hand basin water. (Ord. 5282, 2003; Ord. 4757, 1992: Ord. 3482 §1, 1971; prior Code §24.20.)

5. Clean Marina Program

In addition, procedures and policies outlined in the Clean Marina Program are enforced by WFD staff in an effort to ensure good water quality throughout the Waterfront.

Enforcement of existing policies and ordinances is crucial to the effort of maintaining water quality in the Waterfront. Primary enforcement duties are provided by Harbor Patrol officers. Officers provide routine daily inspections of the WFD, respond to calls received, and coordinate with appropriate agencies to identify and eliminate spills. Officers routinely enforce water quality ordinances through warnings and citations (warnings and citations and calls are logged and copies for each year are included in the Annual Report). In addition, administration of a storm water management program at the harbor is required under the existing General Industrial Permit. The program includes storm monitoring throughout the wet season; water quality testing for metals, oil and gas, total suspended solids, MBAS, pH, specific conductance; reporting and monitoring for BMP effectiveness; spills and non-compliance; dry condition monitoring (quarterly throughout the year); and an Annual Comprehensive Site Evaluation. All results are included in the Annual Report and submitted to the RWQCB for review. Illicit discharges are reported to the Harbor Patrol and/or the WFD and are disclosed in the WFD's Annual Report.

Harbor Patrol:	(805) 564-5530
Fire Department:	(805) 965-5254
Environmental Health:	(805) 681-4949

Implementation of Illicit Discharge Detection and Elimination Minimum Control Measures

Implementation of the illicit discharge and elimination minimum control measures is the primary responsibility of the Harbor Patrol officers. When illicit discharges occur, they are corrected by explaining the Discharge Ordinance violation and appropriate BMPs to eliminate the discharge. Explanation of the Discharge Ordinance and appropriate BMPs to eliminate the discharge is usually adequate. Formal enforcement cases are rare but occur when a violator repeatedly creates an illicit discharge and does nothing to eliminate it. Fines can be imposed on violators of the ordinance.

Measurable Goals

Goal 1: The WFD proposes to submit to the RWQCB an application to allow low-threat, non-storm water discharge. These discharges occur as part of general public use at the harbor and may include the rinsing of boats with fresh water when they are removed from the harbor and washing of WFD vehicles in the maintenance yard. Years 2-5.

Goal 2: Review and update the Clean Marina Program annually. Ongoing, years 1-5.

Goal 3: Assess effectiveness of Discharge Ordinance and Clean Marina Program. This assessment is performed through the routine inspections and analyses of the Watch Log and Pollution Warning Log performed by the Harbor Patrol and WFD administrative staff. Ongoing, years 1-5.

Goal 4: Respond to 100 percent of all complaints/detection of illicit/illegal discharge within 24 hours of receiving the complaint/detection. Perform follow up inspections on 100 percent of these cases to ensure elimination of the discharge. Ongoing, years 1-5.

Goal 5: Review Harbor Patrol warning and citation logs for illicit discharges and coordinate implementation of additional BMPs as necessary. Monitor and improve existing BMP's as needed as part of existing monitoring requirements. BMP's are monitored and evaluated monthly during the west season (physically during rain events) and quarterly year-round in dry conditions as part of the Annual Site Evaluation, and SWPPP Annual Reporting requirements. Ongoing, years 1-5.

MCM 4: Construction Site Storm Water Runoff Control

The existing General Industrial Permit covers operations within the Waterfront area. Construction within the Waterfront area is considered an independent action and is permitted and managed under the purview of the Public Works Department and therefore regulated under the City of Santa Barbara's NPDES Storm Water Management Plan (Appendix A:

Erosion/Sedimentation Control Policy). No substantial construction would likely occur because the waterfront area is generally built out and no expansion is proposed. Should construction occur in the form of remodels/redevelopment within the waterfront area, construction BMPs would be implemented through the Public works Department following requirements outlined in the SWMP. Enforcement of post-construction BMPs would be conducted through existing daily monitoring at the waterfront by Harbor Patrol and through existing storm water management program monitoring protocols.

MCM 5: Post-Construction Storm Water Management in New Development and Redevelopment

See MCM 4.

MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

The following discussion outlines how the WFD proposes to meet the NPDES industrial general permit requirements for pollution prevention/good housekeeping best management practices. Identification of the location of potential pollution causing activities and sources enables the WFD to keep track of likely sources of pollution in the harbor. Waterfront Department staff and Harbor Patrol are located onsite and coordinate the monitoring, review, and enforcement of potential pollution causing locations and existing BMPs. In addition, scheduled monitoring sessions for both rain events, and dry periods occur throughout the year by a private environmental consulting firm to manage and review existing BMPs, monitor water quality, and identify potential discharge locations within the Waterfront area. The BMPs listed below minimize the potential for unauthorized discharge into the storm water drainage system.

Identification of Significant Materials (Section 5.0 of Section A)

The following is a list of significant materials handled and stored at the Santa Barbara Harbor:

- Fuel Oil — Both unleaded and #2 diesel fuel oil are stored in four underground storage tanks with 10,000-gallon capacity each. Fuel is pumped via double-walled pipelines under the City Pier to the fuel dock for distribution to the general public. Approximately 8,000 to 9,000 gallons of fuel are delivered every 3-4 days, averaging 70,000 gallons per month.

- Waste Oil — Two 255-gallon, double-walled, above-ground storage tanks are located on the shore outside of the entrances to Marinas 2 and 4 to collect the waste oil from Harbor tenants. These locations have overhead structures and are covered from all storm water runoff. Waterfront Department staff check fill levels in the tank daily to ensure there is no overfill. Waste oil is automatically picked up every 2 weeks for recycling by a local vendor (or pick up is arranged when tanks reach 90 percent capacity).

- Other Materials — Other materials that are stored at the fuel dock and used for distribution to the general public include the following:

Onshore Material	*Maximum Capacity*
Motor Oil	760 gallons in 55-gallon containers
Waste Oil	300 gallons in 300-gallon container

Used Oil Filters	200 each
Waste Batteries	10 each

Also, materials including parts, solvents, soaps, etc. are stored in storage lockers at the City's maintenance yard, the boat yard, and the dry dock in 1-gallon containers, with less than 55 gallons total at any site. The U.S. Coast Guard also has two storage lockers (appropriately labeled for hazardous materials contents) outside of their Marine Safety Division building (111 Harbor Way) that contain paints, solvents, fuels, lubricants, waste oil, and other materials for maintenance of their boat and equipment. All storage lockers are sealed containers with lips which act to divert rain and provide secondary containment for stored materials. The maximum amount of materials kept in these lockers is 150 gallons, mostly in 1-gallon or 5-gallon containers plus two 55-gallon drums with secondary containers for waste oil associated with boat maintenance.

Identification of Potential Pollution Sources (Section 6.0 of Section A)

Industrial Processes

The onshore industrial activities at the Harbor include boat maintenance, harbor maintenance, and routine engine maintenance operations. Areas where these activities occur include the Waterfront Department's Harbor maintenance yard, the Harbor Marine Works boat yard, and the boat storage yards associated with the Yacht Club and Sailing Club. The activities include sanding and painting of boat hulls, engine repair and maintenance, and general maintenance (such as sign painting, woodwork, etc.). All of these areas are located adjacent to each other in one portion of the site. There is one storm drain system, drainage A, servicing all of the boat maintenance areas. Flow from these areas during non-storm water discharge is collected, treated through a three-stage clarifier pretreatment system, paper filter (90 ft^2), and interceptor (oil/water separator), then pumped into the local sewer system. When flows from storm events occur, the sewer system is bypassed and flows are discharged to the ocean through the drainage system.

There is also a boat maintenance operation, the Santa Barbara Dry dock, located in Marina 1F. The maintenance shop at the dry dock is covered and all storm water is diverted away from the areas where the majority of the maintenance activities occur and materials are stored. The dry dock itself can hold one boat at a time out of the water for bottom buffing and repainting. The areas are kept clean and dust free and no work is conducted during rain. Tarps are present around the dry dock and can be rolled down to prevent dust from going into the Harbor or onto neighboring boats. All materials are stored in lockers or other covered areas with secondary containment structures.

Material Handling and Storage Areas

Areas that include storage and handling of materials in any significant quantities include the fuel dock fuel storage tanks and waste oil storage tanks at Marinas 2 and 4 (refer to Map C-3 in Appendix C). The transfer of fuel oil and waste oil is monitored constantly by designated personnel. In addition, the fuel dock has several types of lubricants, waste oil, and batteries stored at the operations site located at the end of the City Pier (refer to the site maps in Appendix C). The fuel pumps themselves are outside with the nozzles kept in a box for

secondary containment. Additional information with regard to operations at the fuel dock is included in Appendix D, including spill response plans and procedures, hazardous material inventory sheets, and employee training.

The Waterfront Department staff and tenants (the boat yard, the dry dock, USCG) use various industrial and consumer products (such as paints, solvents, soaps, etc.) for boat and general maintenance activities. These products are kept in small quantities (mostly 1-gallon containers) and stored in enclosed, fire resistant lockers or sheds that contain the enclosed materials as a secondary container and are not susceptible to rainfall or runoff. The general boating public also use materials (such as paints, solvents, soaps, lubricants, etc.) to maintain the boats in the slips. Each boater is responsible for maintaining good housekeeping practices while in the marina including proper handling of materials as detailed below in the good housekeeping BMPs. Except for the waste oil storage tanks (subject to the Material Handling and Storage BMPs below), there are no storage facilities available to the public within the Harbor property.

In the unlikely event of a leak or spill, the Waterfront Department has instructions that identify required action (Appendix E).

Dust and Particulate-Generating Activities

As previously mentioned above under industrial activities, dust-generating activities at the Harbor include boat and general maintenance, such as sanding. The Santa Barbara Harbor is a high public use area that is often subject to windy conditions, due to proximity to the ocean. Air quality standards and public protection and comfort dictate that dust control measures are employed. The Harbor Marine Works boat yard, where the majority of commercial boat work is conducted, are required to use vacuum sanders that control nearly all of the dust from this activity.

Significant Spills and Leaks

There have been no recent, significant spills or leaks associated with Harbor operations. There was one spill of 40 gallons of fuel oil associated with the fuel dock in 1994 (a copy of the incident report is included in Appendix D). On occasion, oil sheen on the water surface has been observed and reported to the Waterfront Department. These are treated as minor, untraceable spills and are logged by the Waterfront Department and reported to the USCG Marine Safety Division. It is likely that this sheen is from routine use of diesel vessels and the sheen usually dissipates within a short period.

Non-storm Water Discharges

The boat slips in the marinas are included under transportation-related industrial activities, covered under the WFD's NPDES General Industrial permit. Potable water is available for rinsing the boats in the slips. In most cases, boats are rinsed with fresh water to remove sea water and periodically soaps or mild detergents (biodegradable products are used according to tenant surveys, refer to Appendix B) are also used for wash down. Clean Marina Program signs are posted at the launch ramp encouraging users to use appropriate low-impact soaps.

Other non-storm water discharges in the Harbor property include washing of Harbor maintenance vehicles (cars and trucks) at the City's maintenance yard, rinsing of recreation

equipment including kayaks and SCUBA gear associated with commercial activities, steam cleaning of paved surfaces, and occasional discharge of small quantities of water or ice associated with the Fish Market. It may not be feasible to reduce or eliminate all of these non-storm water discharges if the Harbor is to maintain its current use operations. However, a measure goal has been proposed (Measurable Goal 1, MCM 3) to apply for a low-threat discharge permit, and BMPs identified below include the reduction of these non-storm water discharges and, at a minimum, the reduction of potential pollutants associated with these non-storm water discharges.

Restaurant operations in building 117/119 — The operations in building 117/119 include washing of kitchen mats outside and storage of used kitchen grease. A trash enclosure was constructed in 2000. Wash water from the kitchen mats is now diverted into the City's sewer system. Used kitchen grease is stored in a drum placed on a secondary container in the trash enclosure; however, it is not in significant quantities.

Trash collection sites — Several waste receptacles are present throughout the site. These are emptied on a regular basis, and trash is not allowed to accumulate on the sites. The Harbor is a public area and all efforts are made to ensure that visitors have a positive experience. Waste receptacles are a potential source of pollution, especially if improper dumping of hazardous materials occurs. Trash receptacles and the areas around them are included in the routine daily visual inspections to ensure that good housekeeping practices are employed and there is no illegal dumping of hazardous materials.

The following table is a summary of the industrial activities within the Santa Barbara Harbor and potential pollutant sources and BMP to minimize the pollutant release into the Harbor.

Activity	*Pollutant Source*	*Pollutant*	*BMP**
Fuel Dock and Underground Storage Tanks			
Filling of underground storage tanks; boat fueling	Spills	Fuel oils	• Monitoring of fueling operations (good housekeeping) • Installation of secondary spill guard features around all fuel pumps (completed 2003)
Materials handling and storage	Spills and leaks	Fuel oil, motor oil, waste oil, battery acid	• Proper handling and storage techniques (good housekeeping) • Installation of overhead coverage in areas exposed to rainfall including oil storage facility and battery recycling location (completed 2003) • Establish and enforce use of secondary containment for all used oil storage drums (completed 2002)
Waste Oil Collection Stations			
Materials handling and storage	Spills and leaks	Waste oil	• Monitoring of transfer operations • Regular removal of waste oil • Ensure areas are kept clean (good housekeeping) • Overhead covers installed at both locations (Marina 2 and 4), (completed 2003)
City Maintenance Yard, Boat Yard, Dry Dock, USCG building 111, Stearns Wharf			
Boat maintenance	Spills and leaking containers	Paints, solvents, lubricants	• Good housekeeping techniques • Installation of non-storm water collection system for boat yard (completed 2005) • Collection of non-storm water discharge from dry dock
Boat washing	Spills and leaking containers	Soaps, disinfectants	• Good housekeeping techniques and use of biodegradable soaps.

Storage	Spills and leaking containers	Paints, solvents, lubricants, soaps, disinfectants	• Good housekeeping techniques (including proper maintenance of storage areas, sweeping, routine checks) • Cover all trash bins and all hazardous materials (completed 2003) • Enforce use of secondary containment for all used oil storage drums (completed 2002)
Restaurant Maintenance (in Outside Areas)			
Used kitchen grease storage	Spills and leaks	Used kitchen grease	• Move storage to areas that have installed overhead coverage and diversion system (i.e., berms) to prevent drums from being exposed to rain and, if drums are damaged or leaking, prevent grease from going into the storm water system • Cover all trash bins and all used oil drums (completed 2002) • Enforce use of secondary containment for all used oil storage drums (completed 2002)
* Best Management Practices (BMP) are described in detail below.			

The following items in this section address baseline Best Management Practices (BMPs) applicable to all Santa Barbara Harbor tenants and WFD staff. All tenants shall conform to the following general BMPs to ensure coverage by the Santa Barbara Harbor General Industrial Permit. All tenant areas are monitored daily by Harbor Patrol and monthly during the wet season and quarterly during the dry season, by an independent environmental consulting firm as part of the existing storm water management program.

Best Management Practices

General BMPs (Section 8.0 of Section A)

Good Housekeeping

Good housekeeping requires the maintenance of areas that may contribute pollutants to storm water discharges in a clean, orderly manner.

- Tenants are required to maintain dry and clean ground surfaces by using brooms, shovels, or vacuums. The main harbor and west harbor are swept daily and the others are swept bi-

monthly during winter and weekly during summer, by WFD staff, to minimize buildup of dust and trash.

- All trash receptacles are required to be tightly closed and secured and monitored during routine daily and monthly inspections.

- Regular pickup and disposal of garbage and waste material is scheduled.

- WFD staff regularly change the absorbent pads (daily, weekly, bi-weekly, or monthly as necessary) that line the floors of waste storage areas.

- WFD staff routinely inspects for and repair leaks or conditions that could lead to discharges of chemicals or contact of storm water with potential pollutants.

- The WFD encourages the use of EPA-approved, biodegradable soaps, and disinfectants in areas where wash-water discharges directly into the receiving water. Sampling results associated with SWPPP requirements are reviewed by the RWQCB to determine if there are significant quantities of pollutants contained in the discharge associated with these activities. If sampling results in elevated levels of contamination due to this discharge, further steps will be taken to minimize the impact from this discharge.

- Ensure that spill cleanup procedures are understood by employees and tenants and that spill cleanup equipment and materials are readily available. Routine daily inspections performed by the Harbor Patrol and routine monthly inspections performed by WFD staff and/or independent consultants (Section B) have and will continue to ensure that employees and tenants adhere to the spill and cleanup procedures.

Preventive Maintenance

- Storm water infrastructure (catch basins, grates, outfalls) are routinely monitored on a monthly basis as part of SWPPP monitoring and reporting activities.

- Records of inspections of equipment, and systems are maintained and provided in Attachment A, Forms 3, 4, and 5 of the Annual Report.

Spill Prevention and Response

- Areas where spills may occur onsite and their drainage points are identified above under *Identification of Potential Pollution Sources*. Routine daily inspections performed by the Harbor Patrol and routine monthly inspections are performed as part of the existing SWPPP storm water management program (Section B) ensure that spills are prevented and/or responded to accordingly.

- The WFD ensures appropriate material handling procedures and storage requirements are employed through monitoring efforts. Should a spill occur, WFD is required to be prepared to respond accordingly. The WFD is educated through annual review of response procedures outlined in Appendix E.

- Procedures for cleaning up spills at the fuel dock are located in Appendix D of the WFD's SWPPP and procedures for spill cleanup and reporting for other locations is outlined in Appendix E. Staff and tenants are informed about these procedures as described in MCM 3. Appropriate spill clean-up equipment is provided in areas that are accessible to staff and tenants.

- The Waterfront Department has Hazardous Materials Spill (Oil and Gas) Reporting Procedures that are included in the site ERP and Appendix E.

- Leaks and spills in the Harbor or surrounding property are documented and reported by the Inspector in accordance with the General Industrial Permit and are documented in Attachment D of the Annual Report.

Material Handling and Storage

- All containers are appropriately labeled to show the name, type of substance, stock number, expiration date, health hazards, suggestions for handling, and first aid information.

- All hazardous materials that require special handling, storage, use and disposal considerations are clearly marked.

- Containers are stored according to manufacturer's instructions to avoid damaging the containers through improper weight distribution. The containers are stored away from direct traffic routes to prevent accidental spills.

- Containers are stored above the ground or in secondary containers to prevent corrosion that can result when containers come in contact with moisture on the ground. Any containers that show signs of rust or other damage are removed or replaced.

- The use of secondary containment pallets (spill grates) for all waste storage drums that are not double-walled are utilized and inspected monthly by an independent environmental consultant (Section B). The floors of waste storage areas are lined with absorbent pads to retain potential spill material.

- An inventory is maintained, of all hazardous materials kept on site in significant quantities with the potential to leak or spill into the drainage system or into areas that may be exposed to storm water. All chemicals/materials that are old or have exceeded their expiration dates are disposed of properly.

- Areas are covered where pollution causing substances, such as oil, used oil, paint, solvents, cleaning materials, mechanical parts, etc. are stored on site. These areas are inspected routinely (monthly) by an independent environmental consultant and daily by Harbor Patrol to ensure that the structures are in good working condition. These structures are also inspected during rain events to ensure proper function.

Employee Training and Tenant Awareness

- Employee training and tenant awareness programs must inform personnel and tenants at all levels of responsibility of the components and goals of the SWPPP. Topics shall include spill

prevention and response, good housekeeping and material management practices. The SWPPP will be kept at a central location and made available to tenants at their request.

- Incorporate information sessions on good housekeeping practices into the employee training and tenant information program.

- Discuss good housekeeping at employee and tenant meetings.

- Publicize pollution prevention concepts through notices, newsletters, posters, or other media.

- Post bulletin boards with updated good housekeeping procedures, tips and reminders.

Waste Handling/Recycling

Solid waste disposal and recycling is accomplished through the municipal waste handling system. The waste oil (from waste oil collection tanks at Marinas 2 and 4) is periodically picked up by a local vendor (Black Gold, see Appendix B). Hazardous material containers (such as paint, solvents, fuels, etc.) are disposed in compliance with the law.

Record Keeping and Internal Reporting

The WFD Inspector documents and records all inspection and maintenance activities. A tracking and follow-up procedure is utilized to ensure appropriate response has been taken. The Inspector uses the forms or other method for this purpose (see Appendix F). Incidents such as spills or discharges, other than storm water or authorized non-storm water, are included in the records. Records of all storm water monitoring information and copies of all reports, including the Annual Report, are retained for a period of at least five years from the date of the sample, observation, measurement or report. Reporting documentation is public information and is available upon request by the WFD.

Inspections

In addition to the preventive maintenance inspections described above and the inspections identified above, quarterly non-stormwater inspections, monthly wet season inspections, and stormwater sampling inspections for areas identified as potential sources of pollutants are performed (Section B). These areas include the maintenance yard, boat yard, underground storage tank area, waste oil collection sites, trash enclosure outside of building 117/119, the water surface in the Harbor and other areas that have the potential to contribute sources of pollutants to storm water discharges. In addition, the Inspector monitors the following on a daily basis:

- The pipe system delivering fuel from the underground storage tanks to the fuel dock is inspected for leaks.

- The storage areas associated with fuel dock operations (i.e., waste oil, oil filters, batteries) are inspected for signs of leaking and the potential to be exposed to storm water or storm water runoff. If there is the potential for pollutants to be exposed to rainwater, then means are employed to cover the exposed areas or otherwise divert the storm water from the potential source of pollutants.

- Hazardous materials storage lockers are inspected to ensure that watertight conditions are maintained. Signs of leaking storage lockers shall be noted and appropriate actions taken. Signs of spilled containers inside the storage lockers shall also be noted.

- Trash bins are inspected for signs of leaking. If a leak, other than water, is discovered, the material that is leaking is identified and the leak is contained immediately until measures to fix the leak are taken. If improper dumping is discovered (such as paints, solvents, fuels, etc.), the source is identified and appropriate action is taken to eliminate the problem.

A tracking and follow-up procedure is utilized and provided in Attachment D of the Annual Report to ensure appropriate response has been taken. Records of all inspections will be maintained.

Quality Assurance

The inspection and record keeping procedures are intended to ensure that all elements of the SWPPP (Section A of the General Permit) and Monitoring and Reporting Program (Section B of the General Permit) are adequately conducted.

Structural BMPs (Section 8.0 of Section A)

Overhead Coverage

Structures that provide coverage of material are used to divert storm water and authorized non-storm water from potential sources of pollutants. Overhead coverage has been installed for the following areas:

- Hazardous materials storage — Hazardous substances (such as paints, fuels, lubricants, solvents, etc.) at the boat and maintenance yard are stored in fire-resistant lockers with watertight tops and lips at the bottom that act as secondary containment. If future inspections determine that these lockers are not adequate for the amount of materials being stored, or are not maintained properly, then covering the area where these lockers are stored will be considered as a precautionary measure.

- Waste receptacles and storage areas — Tenants with trash bins are required to have covers that, when kept closed, are capable of diverting storm water. Having a sufficient number of waste receptacles with adequate lids that are to remain closed eliminate this potential source of pollutants. Tenants may also locate waste receptacles under roofs or install an overhang over the areas where the waste bins are kept to meet this requirement.

These structures are inspected on a monthly basis, by an independent environmental consultant, and during storm events to ensure all structures are performing properly. If inspections find a structure in need of repair/replacement, this information is reported to the WFD and/or Harbor Patrol. Subsequent inspections ensure that the structure in need of repair/replacement is conducted.

Secondary Containment Structures

Containment structures around storage tanks or other potential pollutant sources are required for the purpose of collecting leaks and spills, shall they occur.

- Hazardous materials storage — Storage lockers at the City maintenance and boat yard and USCG building have lips at the bottom that act as secondary containment. If it is determined during routine inspections that this system is not adequate for the amount of materials being stored, or does not adequately contain spills and leaks, and then placing lockers in an area that could be enclosed in a berm may be suitable.

- Secondary containment structures are already in place for the waste oil stations associated with Marinas 2 and 4. The oil storage facility on the pier is covered and the drums are all contained on secondary structures. The used oil drums in the trash enclosure behind buildings 117/119 are also contained in secondary structures. The underground storage tanks associated with the fuel dock have secondary containment as required.

Treatment

Treatment systems that reduce the pollutants in storm water discharges may be appropriate for some of the drainage areas associated with the Harbor. Treatment control BMPs includes inlet controls, infiltration devices, oil/water separators, detention ponds, vegetative swales, and others. Of these, the only treatment methods that would be compatible with operations at the Harbor are infiltration devices and oil/water separators, due to available space constraints and location.

- *Infiltration devices.* An infiltration device or sediment trap is already in place in the boat yard which, filter sediments associated with runoff from the maintenance yard and boat yard.

- *Oil/water separators*. Oil/water separators are designed to remove petroleum products and grease. In addition, separators may also remove floatable materials and sediments. Operations at the Harbor do not include motor vehicle maintenance areas (boats only) or areas heavily used by mobile equipment. Parking lots are used by tenants of the marina and visitors to the Harbor. Results of the monitoring program associated with the WFD SWPPP have not resulted in a large amount of oil flowing into the drainage system; however, installation of oil/water separators may need to be considered in the future. All of the storm drains associated with the Harbor parking lots are connected to the City of Santa Barbara storm drain system.

Implementation of Pollution Prevention/Good Housekeeping for Municipal Operations

The WFD will be responsible for implementation of Pollution Prevention/Good Housekeeping for Municipal Operations Minimum Control Measures.

Measurable Goals

Goal 1: Monitor pollution prevention/good housekeeping practices daily, weekly, monthly, yearly as appropriate as described above. Ongoing, Years 1-5.

Goal 2: Assess effectiveness of pollution prevention/good housekeeping practices by thorough review of monitoring, recording, and reporting efforts. Ongoing, Years 1-5.

Goal 3: Update SWPPP to include modified BMPs or additional BMPs as appropriate. Ongoing, Years 1-5.

Goal 4: Monitor storm water quality twice annually during wet season as part of existing storm water management program. Ongoing, Years 1-5